

SIMULATION AND OPTIMIZATION AT KANSAS CITY SOUTHERN
RAILWAY: EQUIPPING MANAGEMENT FOR SUCCESS

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MASTER OF MILITARY ARTS AND SCIENCE

by

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ABSTRACT

SIMULATION AND OPTIMIZATION AT KANSAS CITY SOUTHERN RAILROAD: EQUIPPING MANAGEMENT FOR SUCCESS by Major Thomas P. White, USAF.

This study addressed the need for a model of Kansas City Southern Railway (KCS) to provide insight to decision makers. A simulation model was developed to capture the key processes, the limiting resources, and the major relationships influencing the successful operation of the KCS system. The simulation model was used to evaluate alternative car management policies on the basis of timely, reliable, and affordable customer service. Optimization was proposed as a tool to enable car managers to minimize the cost of moving empty cars to meet demand. Six alternative policies were developed by incrementally increasing the portion of KCS cars managed using optimization.

This study concludes that KCS could provide more timely, reliable, and affordable customer service by managing the entire fleet of cars using optimization. KCS should equip car managers with an optimization tool for making more cost-effective car assignments. Furthermore, KCS should employ the simulation model to identify and exploit additional efficiencies that could improve profitability of the railroad.

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CHAPTER 1

INTRODUCTION

At a time when giants of the rail industry like Union Pacific are rapidly annexing smaller railroads, Kansas City Southern Railway (KCS) is one of the select few mid-size, Class 1 railroads to remain independent. Mike Haverty, Chief Executive Officer (CEO) of Kansas City Southern Railway, has expressed the desire to stay independent and has positioned the company with this objective in mind.¹ He believes KCS can provide better service connecting six different railroads to the Midwest and Mexico than it could if hooked up to a single system. His responsibility, however, is to the shareholders. If a larger railroad offered the right price for KCS, Haverty would have a fiduciary responsibility to consider it. Two factors favor KCS remaining independent. First, recent acquisitions have created indebtedness that could serve to scare off potential buyers. Second, Haverty's aggressive managerial style is yielding impressive results that are keeping the shareholders satisfied. The extent to which Haverty can continue this success depends on his ability to understand thoroughly the strengths and weaknesses of KCS's system in order to discover and exploit efficiencies that will improve profitability of the railroad. According to Mark Davidson, Chief Industrial Engineer at KCS headquarters, KCS management needs a model of their rail network that captures the key processes, the limiting resources, and the major relationships influencing the successful operation of their system.²

The objective of this study is to create a prototype model of the KCS system that will provide valuable insight to KCS decision makers, and to apply the model to evaluate alternative car management policies that could make the railroad more profitable by reducing car movement costs. The basic premise of this study is that the operations research tools of simulation and optimization can be used in concert with one another to develop a model that will meet KCS's needs. Chapter 1 introduces the reader to the KCS system. It provides a brief historical background of KCS, describes the KCS system, and discusses current operating procedures that pertain to car management at KCS. Chapter 2 reviews literature exploring previous efforts to apply operational analysis to the railroad industry. It focuses on industrial applications of simulation and optimization that could be helpful in modeling the KCS system. Chapter 3 lays out the methodology used to address KCS's problem, discussing the development and application of the model. Chapter 4 describes and interprets the results obtained from the model and makes recommendations to KCS management. Finally, chapter 5 provides recommendations for future research.

Background

Arthur E. Stillwell founded Kansas City Southern Railroad in the 1890s with the original line extending from Kansas City, Missouri, through Shreveport, Louisiana, to Port Arthur, Texas.³ KCS has been expanding and growing since that time. In 1939, KCS acquired the Louisiana-Arkansas Railroad with tracks from New Orleans, Louisiana, through Shreveport to Dallas, Texas. In 1956, KCS opened Deramus Yard in

Shreveport as their main operating hub. Deramus Yard hosts the main locomotive shop and dispatcher's office for KCS. In 1993, KCS acquired the MidSouth Railroad including track from Dallas through Meridian, Mississippi, to Birmingham, Alabama. In the last two years, KCS has continued to expand. In the South, KCS purchased a 49 percent interest in the Texas-Mexican Railway, operating from Corpus Christi, Texas, to the border town of Laredo. To complement this addition, KCS gained the concession to operate Mexico's Northeast Railway with access to Mexico City as well as to ports on both Mexican coasts. To the North and East, KCS formed an alliance with I & M Rail Link (Illinois, Iowa, Missouri, and Minnesota). Agreements between these two railroads provide KCS with indirect access to St. Paul, Minnesota, and to Chicago, Illinois. Additionally, KCS bought Gateway Western Railroad, linking Kansas City to East St. Louis, Illinois. With connections from Minnesota to Mexico, KCS bills itself as the "NAFTA" railroad.

As KCS has expanded, the nature of commerce carried by her trains has evolved. During the 1960s, KCS sought to revive her declining passenger business by operating a trendy passenger train called the Southern Belle. Recently, Mike Haverty has reintroduced the Southern Belle business train, primarily to entertain shippers, politicians, and employees while restoring some of the railroads historical image. From the onset, however, KCS's primary destiny was in cargo. About 29 percent of current business comes from the shipment of coal and bulk commodities. Primary customers for this segment of the market include Kansas Power and Light, Empire Electric, and Southwestern Electric Power Company. Another 48 percent of KCS's business is divided

evenly between chemical and forestry products. Major chemical industries are located in the vicinity of Port Arthur and Beaumont in Texas, as well as Lake Charles and Baton Rouge in Louisiana. About 14 percent of KCS business comes from moving grain, farm, and food products. A large portion of the movements in this category deliver grain from the North to serve as chicken feed for the poultry industry in the South. Finally, the bulk of the remaining 9 percent of business comes from intermodal traffic. Intermodal trains move items like scrap steel, military hardware, and automobiles. This has been the fastest growing segment of KCS business over the last two years. In 1995, these markets earned KCS \$76.4 million on total revenues of \$502.1 million.

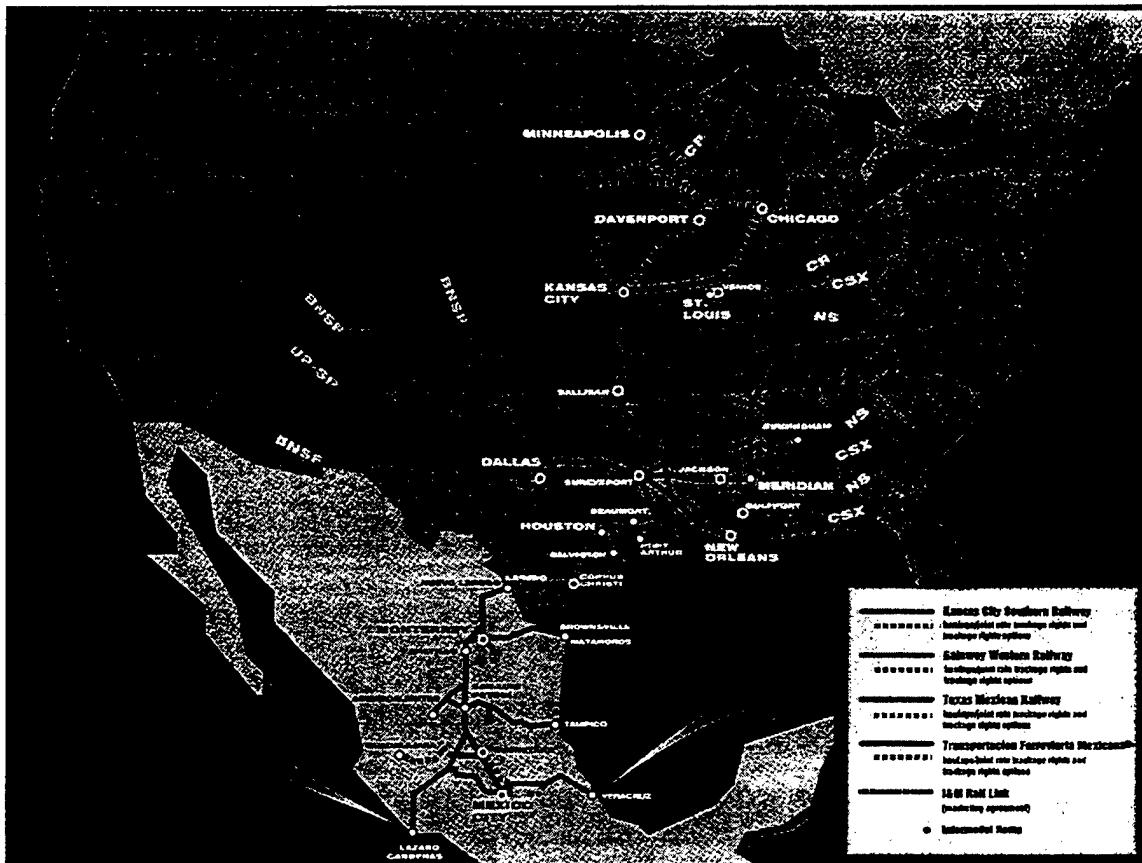


Figure 1. Kansas City Southern Railway

System Description

The KCS rail network is depicted in figure 1.⁴ Across this network of tracks, KCS employs 458 diesel locomotives to move up to 120 different trains simultaneously through the system. Operating schedules for KCS trains are listed in appendix A. Generally speaking, these trains fall into one of four categories. First, general manifest trains originate at one extreme of the network and terminate at the other, making a limited number of stops at major switching stations in between to take on or set off cars. A prime example of a general manifest train is the Kansas City to Beaumont train that makes intermediate stops at Pittsburg, Kansas and Heavener, Oklahoma, as well as at Shreveport, Leesville, and DeQuincy in Louisiana. KCS operates 25 regularly scheduled general manifest trains. The second category, intermodal trains, operate in a similar manner to general manifest trains, but contain almost entirely intermodal cargo and typically have little or no capacity to take on additional cars at intermediate stops.⁵ KCS operates ten regularly scheduled intermodal trains. The third category, unit trains, move large numbers of cars from a common origin to a common destination. These trains transport a single commodity, generally coal or grain, and are appropriately dubbed unit coal trains or unit grain trains. They stop only as required for servicing and crew swaps and do not normally take on additional cars as they transit the system. KCS does not operate unit trains on a regular schedule. Instead, these trains are assembled and moved when customers request them. Finally, locals, dodgers, and switches form the fourth category of trains. KCS operates a total of 138 locals, dodgers, and switches. These trains originate and terminate at the same station. They connect major stations with

smaller stations or industry spurs. They also switch cars from one track to another to form blocks of cars traveling in the same direction. The resulting blocks of cars are normally picked up by general manifest trains passing through the station.

KCS operates a fleet of over 15,000 railcars of various types.⁶ Major car types include boxcars, covered and uncovered hoppers, bulkhead flatcars, intermodals, gondolas, tank cars, wood chip hoppers, and wood racks. Boxcars are used to haul bulk cargo such as paper products and synthetic rubber; while covered hoppers focus primarily on the movement of grain and plastic pellets. Uncovered hoppers are used to carry coal and rock. Bulkhead flatcars typically haul lumber and steel slabs. Intermodals transport tractor-trailers filled with a wide variety of cargo, normally in the high-value category. Gondolas are used to haul scrap metal and iron pipe. They are frequently used to move ties and fill for maintenance of way operations. Tank cars are commonly used to transport bulk petroleum products and chemicals. Finally, wood chip hoppers and wood racks carry wood chips and pulp wood slabs as raw material for the paper industry.

Railcar Management Policy

KCS manages the movement of railcars at their car distribution center in Shreveport.⁷ A team of car managers uses an automated tracking system to monitor the location and status of railcars. Each car manager is responsible for assigning one or more types of railcars. For a customer who does a large volume of business with KCS, car managers may dedicate a group of cars, known as a pool, to service that particular customer. Policy letters are sent to each station identifying which cars belong to a pool

and where they should be sent. Whenever pool cars unload anywhere in the system, they are automatically routed back to the station serving their designated customer. Every four to six months, KCS management reviews the number of cars assigned to each pool. Once the size of the pools has been determined, pool cars operate without further involvement by the car managers. Railcars that are not assigned to a pool are known as freerunners and are assigned by the car managers on a case-by-case basis. In most cases, freerunners are used to meet demand at stations that are not pool locations. If necessary, however, freerunners may be used to augment pool cars to meet spikes in demand at the pool locations. Car managers use freerunners to fill orders for cars sequentially, attempting to assign the nearest available freerunner to meet each order. Colocated with the car managers are clerks who process the assignments. The clerks initiate car movement by sending car movement orders to the appropriate station. The yard marshal at the station implements the order by marking the car for movement to the appropriate destination. Figure 2 depicts the life cycle of a railcar starting when it is empty and unassigned and ending when it is released by the customer after delivering a load.

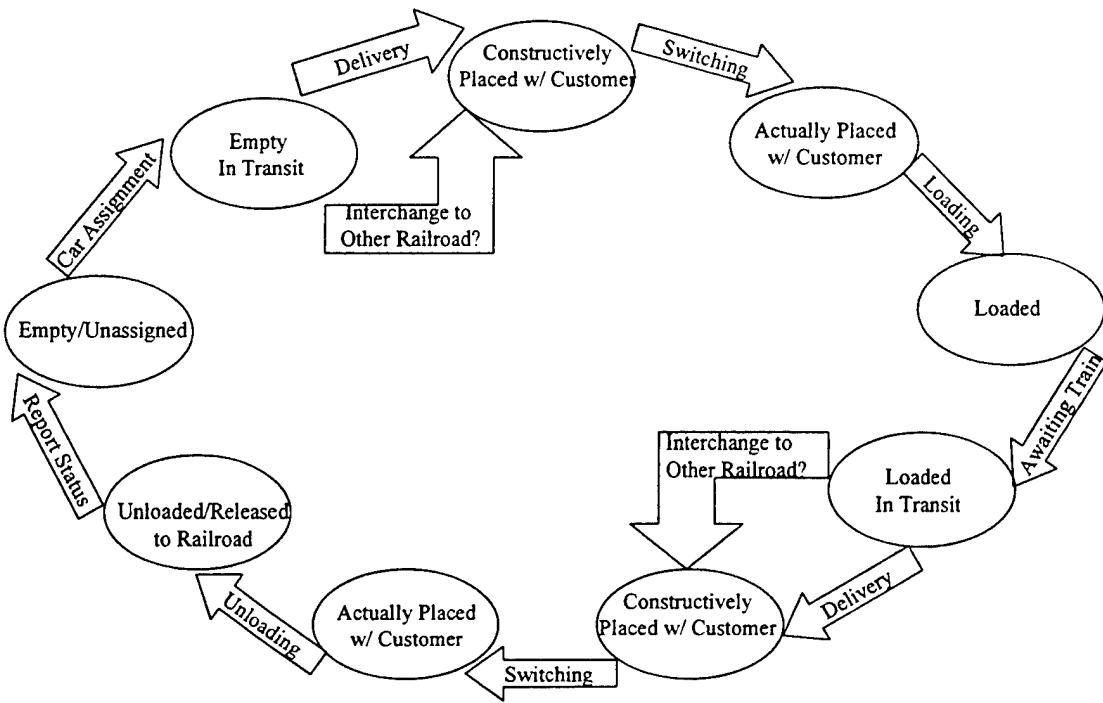


Figure 2. Life Cycle of a Railcar

¹Steve Glichinski, "Kansas City Southern Fights Back," *Trains*, June, 1997, 2.

²Mark Davidson, Interviews by author at KCS Headquarters, Kansas City, Missouri, September 19, 1997-April 21, 1998.

³Glichinski, 13.

⁴Glichinski, 11.

⁵Davidson.

⁶Jack R. King, Interviews with author at KCS Headquarters, Kansas City, Missouri, October, 1997-April, 1998.

⁷Billy Hughes, Interview with author at KCS Car Distribution Center, Shreveport, Louisiana, January 6, 1998.

CHAPTER 2

LITERATURE REVIEW

The goal of this review is to gain insight from previous research that will guide development of a model of the KCS system and shape the questions the decision maker seeks to answer. To achieve this goal, this review contains three sections. The first section examines research completed in 1996 by CGSC students and employees of KCS. It sheds light on the nature of the KCS system by considering study results and recommendations specific to KCS's system. The second section explores a generic application of operational analysis to the railroad industry completed by Sandra Strasser at Valpraiso University in 1992. The objective is to surface key business questions and issues that should be addressed by the model. The final section looks at industrial applications of simulation in concert with optimization. The goal of this section is to identify a viable approach for integrating these operations research tools to provide insight into KCS's system.

Previous Research at KCS

A 1996 CGSC study examined car movement data at KCS to determine how the railroad might reduce empty car miles.¹ CGSC students developed a Supply and Demand Decision Support System (S&D-DSS) that greatly improved KCS's visibility of empty cars and demand for cars both system wide and by station. S&D-DSS gave KCS management an indication of the number of excess cars it owns or leases. In developing

S&D-DSS, CGSC students examined the life cycle of a railcar as it transitions from being empty and unassigned through load delivery to release by the customer back to the railroad. Additionally, the students interviewed car managers at KCS's car distribution center in Shreveport, Louisiana. Three of their observations are particularly relevant to this study. First, examination of car data revealed that the primary causes of poor car utilization are issues that KCS can influence directly. KCS needs to reduce the average time a car waits before being assigned to a load. KCS also needs to reduce the number of miles an empty car travels to pick up a load. Second, current management of railcars using pools and "policy letters" results in most empty cars being routed by default with very little human involvement. To improve car utilization, KCS may need to alter current car management policies. Finally, a system that is characterized by random events where chance and probability abound can be succinctly described as a stochastic system. The students who conducted the 1996 study found the KCS rail system to be highly stochastic and extremely complex. These characteristics make it difficult to manage the KCS system without a good data collection and feedback system and a powerful model for interpreting the data to make the system more transparent to decision makers.

In their concluding recommendations, the students offered two possible approaches for reducing empty car miles. The first would be to view the problem as a network optimization with the objective of minimizing empty car miles subject to car supply and demand. In their opinion, however, such a formulation would be too large to solve at the station level and would suffer from the stochastic nature of demand. It would also require extensive analysis to determine the appropriate time interval between

assignments. The students favored a second approach that treated the car utilization problem as an inventory management problem. The goal of this approach is to maintain enough empty cars on line to meet the time-dependent and stochastic demand. While this method may help KCS more accurately size the fleet of railcars it needs, it does not contribute to improving the efficiency of the cars it operates.

Operational Analysis of Generic Railroads

In 1992, Strasser completed an operational analysis of railroad scheduling that surfaced a number of important issues and questions that should be considered in development of a model of the KCS system.² The purpose of her study was to explore the impact of railroad scheduling on railroad performance from the viewpoint of the shipper. The typical shipper needs reliable service, timely delivery, and competitive rates. Strasser contends that by targeting these needs, railroads will be able to compete more effectively with motor carriers. This could ultimately increase the railroad's share of the transportation market. The implication for modeling KCS's system is that meeting the customer's needs for timely, reliable, and affordable service is an important business objective for KCS managers. Consequently, a model of the KCS system must have the ability to measure the impact of decision variables on cost, timeliness and reliability of service.

Strasser developed a simulation of two connecting trains based on historical data. Her experimental design tested different combinations of scheduling decisions and recorded the resulting effects on railroad performance. Scheduling decisions involved

answering three major questions. First, how many trains should the railroad operate per day for each origin-to-destination route? Second, how much yard time should be scheduled at each stop? Finally, if the connecting train is running late, should the current train be dispatched on time or held to wait for its additional cars? According to Strasser, railroad executives and hub managers agree that decreasing train frequency will result in less carrier cost, decreasing yard time will reduce total transit time, and dispatching trains on schedule will lead to greater reliability. Since these three activities affect timely, reliable, affordable customer service, it is critical that a model of KCS's system accurately capture the interactions between scheduling, dispatching, and processing of trains at a system level. This will require identification of the key resources, processes, and relationships for each activity.

Industrial Applications of Simulation and Optimization

In their concluding recommendations, the CGSC students who authored the 1996 study with KCS expressed concern that attempts to apply optimization to KCS's problem would be challenged by the stochastic nature of demand prevalent in the KCS business environment.³ The final section of this literature review looks at three methods for integrating simulation and optimization to overcome the challenge of optimizing in an environment of uncertainty. The first method, simulation optimization, looks for the most desirable solution by using simulation to estimate system performance at multiple points defined by altering the control parameters of the system. The second method, recursive optimization and simulation, alternates between optimization and simulation to

seek the best solution, with insights from one tool helping to improve performance of the other at each successive step. The third method, embedded optimization, looks for natural decision points within the simulated process where optimization could improve system performance.

The first method, simulation optimization, is explained in a straightforward manner by Akbay.⁴ He offers three techniques for pursuing this method to an optimal conclusion. First, using a statistical design of experiment, the modeler can use simulation output to identify main effects and interaction effects among the system's control variables. Applying the techniques of response surface methodology, the modeler can fine tune control parameters to locate an apparent optimal solution. Unfortunately, this technique could necessitate a prohibitively large number of simulation runs if the number of control parameters to be managed is large.

The second technique for simulation optimization is known as evolutionary programming. Akbay credits Bowden as being the leader in this area.⁵ In Bowden's words, "the idea is to evolve a population of solutions to the problem wherein each solution's survival is dependent on how well it performs in the simulated environment. The population is allowed to evolve for a number of generations at which time the search is terminated and the best (or fittest) solution in the population is selected as the answer to the problem." According to Akbay, Bowden has successfully applied this technique to optimize production control problems with over 30 decision variables. However, using this technique to solve large problems becomes a laborious and time-consuming process for the modeler.

The final technique for simulation optimization described by Akbay is to use a state of the art simulation optimization tool such as SimRunner 1.0, developed in 1995 by Decision Sciences, Inc. During optimization, this software automatically searches the multi-dimensional solution space by using the simulation model to evaluate the objective function at different values for the control parameters. The output from SimRunner 1.0 includes the optimum values of the system variables and a graphical representation of how different variables affect the objective function. Akbay describes successful applications of this technique by IBM, GPR Planners Collaborative and Sverdrup Facilities, Inc., and by Baystate Health. The key to success when using a simulation optimization tool like SimRunner 1.0 is to isolate the most important control parameters, set the correct range for each variable, and identify the right objective function for measuring performance.

The second method, recursive optimization and simulation, is thoroughly discussed by Rosenblatt, Roll, and Zyser.⁶ In this work, the authors use an integer non-linear optimization model for minimizing initial investment and operating costs subject to several constraints to develop a generic Automated Storage/Retrieval System (AS/RS). The resulting solution is tested in a simulation to see how it performs in the dynamic environment of warehouse operations. The authors defined two measures of performance, average service time and average service level in the system. For each batch of simulation runs, they translated these performance measures into constraints for the next iteration of the optimization model. When the values obtained fell within prescribed acceptable bounds, the authors terminated the optimization and simulation

process and adopted the solution. Van Oudheusden and Boey have documented a similar application of recursive optimization to the design of an automated warehouse for the Thai Air Cargo Terminal of Bangkok.⁷ While this method takes advantage of the strengths of optimization and simulation in a synergistic manner, the challenge becomes setting the terminating criteria in a manner that makes the process tractable without leading to a sub-optimal solution.

The third method for integrating simulation and optimization, embedded optimization, identifies decision points in the modeled process where optimization could be applied to improve the quality of decisions and result in better system performance. This method is demonstrated in research conducted for the Department of Energy (DoE) by students at the Air Force Institute of Technology.⁸ DoE was evaluating alternative methods for treating radioactive and hazardous waste. One of the alternatives involved turning the waste into glass using a process called vitrification. A major goal of this effort was to accurately predict the cost of using vitrification to treat waste material. Based on a bench-scale vitrification facility at Fernald, Ohio, a simulation model was developed to characterize operation of a full-scale vitrification plant. Part of the process involved excavating batches of waste material and taking samples to estimate the chemical composition. To capture the stochastic nature of batch composition, the simulation randomly assigned the composition of each of these batches based on statistical analysis of samples taken at the site prior to excavation. For each batch, an optimization routine was applied to select the least cost additives while producing a mixture that met the compositional constraints for forming a suitable glass. Use of this

embedded optimization within the simulation led to a substantial reduction in per unit vitrification cost.

In summary, this literature review has highlighted the nature of KCS's system by analyzing the results and recommendations from a previous study of KCS. Two observations were of great importance. First, the adverse impact of empty car miles on car utilization at KCS suggests an opportunity to use optimization within the model to minimize empty car miles and improve system performance. Second, the highly stochastic and complex nature of KCS's system favors the use of simulation over mathematical programming. Furthermore, the review of Strasser's work pointed up the importance of train scheduling, dispatch procedures, and processing at the yard as key activities to be included in the model. It also revealed timeliness, reliability, and cost of service as key measures of merit for system performance to be tracked within the model. Finally, by looking at industrial applications of simulation and optimization, this review has identified three viable methods for integrating these tools. Of these methods, embedded optimization showed the most promise for working toward optimal performance of KCS's system despite the inherent uncertainty.

¹Greg Hosheit, Doug McAllister, and Andre Zumstein, "CGSC-Industry Partnership Program 1996." (CGSC-IPP-96)

²Sandra Strasser, "The Effect of Railroad Scheduling on Shipper Modal Selection," Journal of Business Logistics, May 1, 1992, 13, No. 2, 175.

³Hosheit

⁴Kunter S. Akbay, "Using Simulation Optimization to Find the Best Solution," IIE Solutions, May 1996, 28, No. 5, 24.

⁵Akbay

⁶Meir J. Rosenblatt, Yaakov Roll, Vered Zyser, "A Combined Optimization and Simulation Approach for Designing Automated Storage/Retrieval Systems," IIE Transactions, January 1993, 25, No. 1, 40-50.

⁷Dirk L. van Oudheusden and Peter Boey, "Design of an Automated Warehouse for Air Cargo," Journal of Business Logistics, 1994, 15, No. 1, 261.

⁸Thomas P. White, Ronald Toland, Jack A. Jackson, Jr., and Jack M. Kloeber, Jr., "Simulation and Optimization of a New Waste Remediation Process," Omega, December 1996, 24, No. 6, 705.

CHAPTER 3

METHODOLOGY

The objective of this study was to develop a prototype model of the KCS system capable of providing valuable insight to decision makers, and to apply the model to evaluate alternative car management policies that could increase profit for the railroad by reducing car movement costs. This chapter describes the model development process and the scientific problem solving approach used to apply the model. The first section describes how insight from the literature review helped to clarify the problem. The second section discusses the interview process that guided most of the modeling decisions. The third section recounts the logic that determined the boundaries and scope of the prototype model. The fourth section describes the key actors, activities, resources, and decision processes considered by KCS management as central to the nature and performance of the KCS system. The fifth section outlines the architecture of the resulting simulation model, while the sixth section describes data collection and analysis used to determine model parameters. Finally, the last section discusses the formulation of alternative car management policies and the scheme derived for evaluating those alternatives.

Literature Review

Insight gained from previous research helped set the general direction for the model development process. First, previous work described the KCS system as highly

stochastic and very complex. To model the complex interaction of random processes characterizing the KCS system, I decided to use simulation. Simulation allows the modeler to represent stochastic processes by randomly choosing from a distribution of possible outcomes based on historical data and expert judgment regarding the actual process. Second, previous work identified the need to reduce empty car miles in order to improve car utilization at KCS. I decided to use embedded optimization within the simulation to assist car managers in reducing empty car miles. Finally, based on Strasser's work,¹ I decided to use timely, reliable, affordable customer service as the key performance measure in the simulation.

Interview Process

The quintessential element of model development was the synthesis of experience and ideas achieved through the interview process. Impressions of the KCS system were shaped by the views of KCS employees at all levels of the organization, from the observations of clerks to the thoughts of the CEO. The experience level of those interviewed ranged from operators with over 30 years of railroad experience to mid-level managers possessing limited railroad experience but an abundance of fresh ideas and ambition. The context of interviews ranged from office visits at KCS corporate headquarters to a window tour of Deramus Yard in Shreveport, Louisiana. I followed up each interview with a telephone discussion or electronic mail to verify conclusions drawn. Those interviewed included KCS employees from marketing, cost analysis, industrial engineering, operations, car utilization, and car management. Their expertise

covered the full spectrum of KCS operations. I developed the prototype simulation model to reflect how KCS professionals view their system.

Scope

Determining the appropriate scope for the prototype model was a challenging but important aspect of the model development process. This section describes three factors that were considered in deciding what to include in the model. First, the scope of the prototype model had to be tempered by a realistic appraisal of the time and resources available. Second, since the overarching goal of the project was to provide insight to decision makers, the prototype model had to be sufficiently inclusive to cover a broad range of business issues with which KCS management was wrestling. Furthermore, the model needed to be constructed in a manner conducive to expansion by follow-on research and to utilization by KCS. Finally, because KCS operates as a sub-component of the overall railroad industry, it exists as a system within a system. Operational aspects of the KCS system that were under the direct control of KCS were explicitly modeled. Aspects of the railroad industry that influence the performance of the KCS system but are outside of the direct control of KCS were handled indirectly. The impacts of each factor on the ultimate scope of the prototype model are discussed in greater detail in the following paragraphs.

Because this study was limited to a period of nine months, CGSC and KCS agreed to target a prototype model capturing a slice of the KCS system.² This model included the network of tracks and stations depicted in figure 3. During early modeling efforts, I discovered that software dimensionality constraints limited the scope of the

prototype model to no more than 50 train stations. Experts at KCS chose the specific stations listed in table 1 based on volume of business, switching capacity, and location of crew facilities.³ Other stations of importance to KCS were treated as peripherals of these stations. The prototype model did not include yard functions at peripheral stations. Instead, it added time to allow local, dodger, or switch engines to pick up or deliver cars to these stations. The prototype model calculated the amount of time to add based on the proximity of the peripheral station to the nearest explicitly modeled station and the frequency of scheduled train service connecting those stations. By using peripheral stations, the prototype model was able to capture a large slice of the KCS system without a damaging compromise in model fidelity.

Within the subset of the KCS system depicted in figure 3, I decided to simulate the operation of one type of railcar in the prototype model. I chose to model gondolas based on the recommendation of Mr. Bill Holmes⁴, director of car utilization at KCS headquarters. Mr. Holmes listed gondolas as one of the top three car types in terms of management level of interest. The gondola fleet was the smallest of these three car types. Furthermore, after consulting with car managers at the car distribution center in Shreveport, I found that policies for managing gondolas were representative of the management of the entire KCS fleet.⁵

The second factor influencing the scope of the prototype model was the type of business issues facing KCS management. As a minimum, the model needed to provide insight regarding three issues at KCS.⁶ First, KCS management was interested in reducing the cycle time for its railcars. This meant that the model would need to treat the major

processes affecting the scheduling, movement, loading, unloading, and tracking of railcars through the KCS system. Second, understanding the relationship between train scheduling and car movement was critical to a host of business decisions important to KCS management. The model would need to capture the dynamic interaction of trains and railcars. Finally, KCS management needed to understand causes and remedies for congestion at stations to ensure efficient movement of trains and railcars through the system. To facilitate this understanding, the model would need to treat yard operations at a sufficient level of detail to shed light on the causes of congestion.

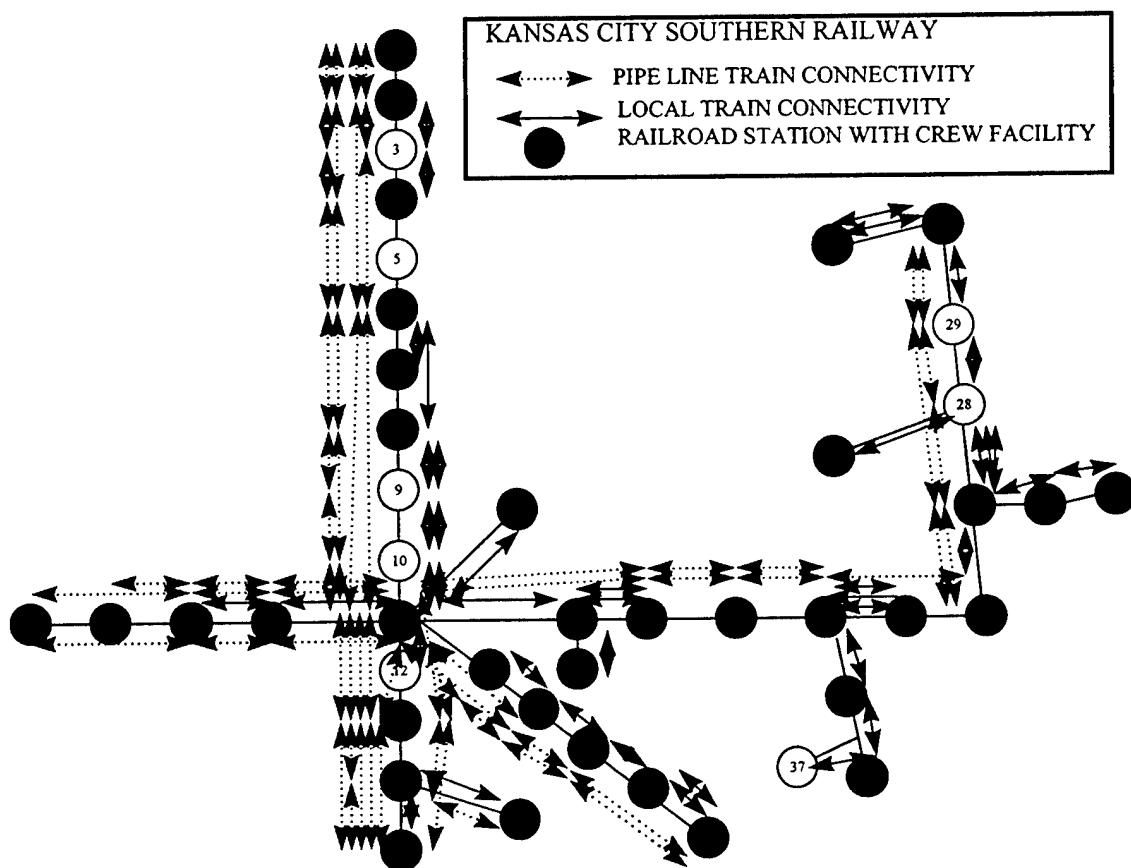


Figure 3. Modeled Network

Table 1. Modeled Stations

| # | Station Name | Crew | Interchange | Comments |
|----|---------------------|-------|-------------|--------------------------------|
| 1 | Kansas City | Yes | Multiple | Intermodal Ramp |
| 2 | Pittsburg | Yes | | |
| 3 | Neosho | | BNSF | Rich Mountain |
| 4 | Siloam Springs | Local | | |
| 5 | Salisaw | | UP | Intermodal Ramp |
| 6 | Heavener | Yes | | Fort Smith & Waldron Branches |
| 7 | Mena | Local | | South Hatton |
| 8 | DeQueen | Yes | DQE | |
| 9 | Ashdown | | KRR | Georgia Pacific |
| 10 | Texarkana | | UP | |
| 11 | Shreveport | Yes | Multiple | Bossier City, Interchange Ramp |
| 12 | Bayou Pierre | | | International Paper |
| 13 | Leesville | Yes | | DeRidder - BNSF Interchange |
| 14 | DeQuincy | Yes | UP | |
| 15 | Beaumont | Yes | TM, UP | Includes Port Arthur |
| 16 | Mossville | Local | UP | Includes Lake Charles |
| 17 | Hughes Springs | Yes | TN | Includes Welsh |
| 18 | Greenville | Yes | DGNO | |
| 19 | Zacha Junction | Yes | UP | Dallas, Int. Ramp |
| 20 | Alliance | Yes | BNSF | Interchange with BNSF Only |
| 21 | Gibsland | | LNW | |
| 22 | Monroe | Yes | | |
| 23 | Vicksburg | Yes | | |
| 24 | Jackson | Yes | IC | Intermodal Ramp |
| 25 | Morton | Local | | Forest and Newton |
| 26 | Meridian | Yes | NS, MB | |
| 27 | Artesia | Yes | | Columbus - I/C |
| 28 | West Point Junction | | CAGY | |
| 29 | Tupelo | | BNSF | |
| 30 | Corinth | Yes | NS | |
| 31 | New Albany | Local | BN | |
| 32 | Louisville | Local | | |
| 33 | Tuscaloosa | Local | NS | Tuscaloosa Steel |
| 34 | Birmingham | Yes | CSXT | Interchange with CSXT Only |
| 35 | Hattiesburg | Yes | NS, IC | |
| 36 | Gulfport | Yes | CSXT | |
| 37 | DeLisle | | | DuPont |
| 38 | Hodge | Local | | |
| 39 | Kraft | Yes | | |
| 40 | Latanier | Yes | UP | Pineville & Alexandria |
| 41 | Baton Rouge | Yes | IC, UP | |
| 42 | Grammercy | Local | | Gonzales and Norco |
| 43 | New Orleans | Yes | Multiple | Intermodal Ramp |
| 44 | Minden | Local | | |

The last major factor that influenced the scope of the prototype model was the interaction of the KCS system with the railroad industry as a whole. KCS sends a substantial portion of its railcars onto the tracks of other railroads to pick up or deliver cargo. When KCS cars are ‘interchanged’ to another railroad, they are routed to their final destination by the gaining railroad and then returned to the KCS system via reverse routing. KCS has reciprocal agreements with most other railroads to return interchanged cars promptly to the owning railroad. If the gaining railroad has a need for the car, however, they may use it for a period of time before returning it. During this period, the railroad using the car must pay a negotiated daily fee called “per diem” to the owner. The dynamics of the interchange process have a dramatic influence on KCS operations, but the time KCS cars spend with other railroads is outside of the direct control of KCS management. Within the scope of the model, KCS management needed the capability to assess the effects of interchange policies in order to negotiate per diem rates with other railroads wisely. For this reason, the boundary of the prototype model was set at the point where KCS railcars interchange to other railroads. The systems of other railroads were not explicitly modeled. Instead, when a KCS railcar interchanged to another railroad, the prototype model randomly assigned duration based on statistical analysis of historical interchange times specific to that location. A list of the interchange points and a summary of interchange statistics is provided in appendix B.

The Actors

Within a simulation, actors are the primary initiators of activities that model the key processes in the actual system. Actors possess characteristics, known as attributes, that reflect the nature of the actor, the current status of the actor, and the rules governing how the actor will be treated as it transits the system. Based on the interview process, I decided that three actors needed to be modeled explicitly to represent the KCS system. First, the railcars operated by KCS are the life's blood of the system. As they move through the system, they carry along with them the revenue-generating cargo that monetarily sustains the system. Equally important are the trains, which serve as the cardiovascular system, pumping the blood throughout the system. If the cardiovascular system is not working efficiently, the blood tends to move sluggishly and sometimes pools in the system. The third actor, KCS management, functions in a manner similar to the central nervous system. KCS managers set policies and issue directives to synchronize the operations of the other two actors, enabling KCS to respond to changes in the internal and external environment of the system.

Activities

Each of the actors identified above takes part in numerous activities affecting the performance of the KCS system. I considered three factors in determining which activities would be included in the prototype model. First, the subjective impressions of KCS management coupled with analysis of historical car movement data during previous studies at KCS revealed key activities in the life cycle of a railcar that were critical to

improving car utilization and reducing non-productive car miles. Those railcar activities were identified and included in the prototype model. Second, car managers indicated during the interview process that train scheduling and operation could be tailored to support car distribution better. The prototype model targeted those activities central to the dynamic interaction between execution of the train schedule and movement of railcars. Finally, KCS management was interested in measuring the effect of policy decisions on customer satisfaction. The prototype model focused on activities that affected the timeliness, reliability, and cost of service provided by the railroad. Table 2 lists the key activities included in the prototype model.

Table 2. Activity Descriptions

| Actor | Activity | Description |
|--------------|-----------------|--|
| Railcar | Report | Forwards car status to management when empty/available |
| | Order | Routes empty car to location with load |
| | Switch | Employs switch resource to position car for next yard activity |
| | Couple | Attaches car to train for movement through the system |
| | Decouple | Removes car from train for switching to next yard activity |
| | Load | Matches car with load and routes for delivery to destination |
| | Unload | Removes load from car and records delivery statistics |
| | Interchange | Car goes off-line to another railroad for a period of time |
| | Maintenance | Car is delayed for a period of time to perform maintenance |
| Train | Originate | Crew, power, and track resources seized to form a train |
| | Assemble | Gather designated cars at originating station |
| | Departure | Release track at departure station. Move to next station. |
| | Arrival | Seize track at arrival station and begin processing |
| | Crew Check | Check current crew for sufficient duty hours remaining |
| | Crew Swap | Release current crew and seize replacement crew |
| | Set Off | Removes cars that are terminating or changing trains |
| | Take On | Attaches additional cars to train for movement |
| | Yard Time | Calculates delay based on schedule and activity at station |
| Manager | Supply | Updates number of cars available to manager for scheduling |
| | Demand | Updates car orders visible to manager |
| | Schedule | Assigns cars to meet demand. Issues car movement orders. |

Resources

Within the model, resources represent items of support that must be available before an actor can proceed with an activity. In selecting the resources to include in the prototype model, two questions were addressed. First, is the resource itself of interest to management because of its cost or scarcity? Locomotive diesel engines provide a good example of a costly and scarce resource that has the attention of KCS management. Second, is it important to track the amount of time an actor waits for the resource because of the impact it has on system performance? Railroad track fits this description because hundreds of cars may be delayed when tracks become congested. Table 3 contains a description of the resources included in the prototype model.

Table 3. Resource Descriptions

| Resource Name | Description |
|----------------------|---|
| Power | Locomotive diesel engines required to operate trains. |
| Crew | Engineer, Conductor, and Brakeman required to operate trains. |
| Track | Limited to 12-hour duty cycle followed by 12-hour rest cycle. |
| Switch | Required before train can originate at a station or transit a station. |
| | Limits the number of trains able to simultaneously transit a station. |
| Switch | Required to reposition a car from one train to another, or from a station to an industry spur. Availability based on number of switch engines, switch crews, and track capacity at a station. |
| Local | Capacity released by local trains. Required before a car can couple with a local train for movement. |
| Pipe | Capacity released by an intermodal or general manifest train. |
| | Required before a car can couple with these trains for movement. |
| Order | A car assignment issued by manager. Required by a car before it can proceed to pick up a load. |
| Load | Signals availability of a load based on historical load data. |
| | Required by a car before it can deliver the load. |

Decision Processes

Identifying and replicating key decision processes in the KCS system was one of the most difficult aspects of model development. This section describes three instances where decisions that affect performance of the KCS system are made on a recurring basis. First, car managers at the car distribution center in Shreveport make daily decisions regarding the distribution of empty cars to meet demand. Second, KCS employees at all stations continually make decisions determining how cars should be routed through the system from their present location to their intended destination. Finally, every time a train transits a station, the decision must be made whether to hold the train for cars expected to arrive on a connecting train or to dispatch the train on time. The following paragraphs describe how the prototype model represents these decision processes.

Car managers divide their fleet into two groups known as pool cars and freerunners. Pool cars are typically assigned to service specific high-volume customers. The number of cars in each pool reflects the expected volume of business and is revised every four to six months. Once the size of the pools has been established, no further involvement is required by the car managers. When pool cars unload anywhere in the system, they are automatically routed back to the station servicing their designated customer. This is accomplished by maintaining standing policy letters at each station. Policy letters identify pool cars by car number and tell yard managers where to send them. Freerunners, on the other hand, are assigned by car managers on a daily basis to meet demand at locations not serviced by pool cars. Freerunners may also be assigned to augment pool cars if the pool cars are not meeting the needs of their designated customer.

The decision to use freerunners to service a pool location is often triggered by a call from the customer notifying the car manager that he has a temporary need for more cars. When the car manager assigns freerunners to meet demand, he generally fills orders sequentially by assigning the nearest available cars to that demand point.

The prototype model replicates the car manager's decision process by employing three measures. First, only freerunners are made available to the car manager for assignment. Pool cars are automatically routed to their pool location without becoming available to the manager. Second, demand for cars at pool locations becomes visible to the manager only when five or more loads are available and no pool cars are currently at that station. This simulates the triggering event that would prompt the customer to request more cars from the car manager. Third, the model fills orders sequentially by assigning the nearest available freerunners first. Based on the location where cars are needed, the model makes an ordered search for available cars starting with the closest station and proceeding to the most distant station. Appendix C shows the order in which stations were searched.

Once car managers have determined which available cars will service each demand point, car movement orders are sent to the appropriate stations. These messages direct the yard marshal at the affected station to mark each designated car for movement to its assigned destination. Two methods are available to the yard marshal for accomplishing this task. First, the yard marshal may inscribe the placard on the side of each car with a series of station abbreviations to route the car from its present location to the desired location. Using this approach, cars are coupled with the first available train

traveling in the desired direction with capacity to pull the car. Alternatively, the yard manager may mark the placard with the identifying codes for specific trains on which the car is directed to travel to reach its destination. In this case, many different routing strategies are possible for moving cars through the system. Some routes may be preferable to others based on the relative frequency of trains, the number of intermediate stops, or the distances involved. For example, a car that needs to travel from Jackson, Mississippi, to Monroe, Louisiana, could be directed to switch from one local train to the next, traveling on three separate trains and stopping at every intermediate station before arriving in Monroe. Alternatively, the car could be directed to travel on a general manifest train to Shreveport and backtrack on a local train to Monroe. The second case involves more total miles, but fewer stops and switches.

According to Mark Davidson, KCS's Chief Industrial Engineer, the first approach most accurately characterizes the way cars are moved through the KCS system. To replicate this, I designed the prototype model to execute a flexible route for each car. When the car is originally assigned, it is given a list of station codes that serve as checkpoints to guide it along an efficient route to its destination. As the movement is executed, however, decision logic for switching cars at individual stations along the way may revise the route the car takes based on what has actually happened to it up to that point. For example, the original schedule may direct the car to proceed from Meridian, to West Point Junction, and then to the final destination at Louisville. Because some trains don't stop at West Point Junction, however, the car may end up overshooting or undershooting its checkpoint. The decision logic for switching cars at each station was

designed to make reasonable routing choices for the continued movement of each car based on its destination.

The third decision process regards dispatching rules for trains. Strasser's operational analysis of the railroad concluded that a policy of dispatching trains on schedule provided better reliability to the customer than a policy of holding trains until arrival of a late-arriving connecting train. According to Mark Davidson, the general policy of KCS is to dispatch trains on schedule. He indicated, however, that locomotive engineers have a great deal of discretion in this matter. To best represent this decision process in the prototype model, Davidson agreed to the following logic. If a train is ready to depart a station early, the model holds the train at the station until its scheduled departure time. If a train is running behind schedule, it will depart from the station as soon as it completes the required activities. The time needed for a train to complete these activities at a station depends on the number of cars the train is setting off and taking on; it depends on whether or not a crew change is required; and it depends on the availability of track.

Architecture of the Simulation Model

I chose to develop the simulation model of the KCS system using SLAM (Simulation Language for Alternative Modeling) version 4.6 by Pritsker & Associates in Purdue, Indiana. I chose SLAM because it provides a graphical network user interface that aids rapid model construction. Furthermore, I had previously used SLAM to develop other large-scale simulations. I constructed the model by building one station after

another and linking them to represent the KCS network. I used SLAM's graphical network user interface to create a flow diagram depicting the processes and resource demands of trains as they received service at a generic station. Next, I made copies of the generic station and tailored each copy to represent a specific station in the KCS network. The flow diagram for a typical station is shown in appendix G. The SLAM graphical network user interface is equipped with icons representing common modeling functions like queuing for resources, assigning values, or grouping actors. For processes that exceeded the capability of these icons, I used FORTRAN to write subroutines that were called when needed by the simulation.

Within the network of stations in the simulation model, trains and cars were treated as actors. The purpose of trains was to transport cars while the purpose of cars was to transport loads from one point to another in the system. Trains and cars were labeled with attributes that guided their travel through the network, directed the activities they would accomplish, and identified the resources they would require. Train and car attributes are described in appendix D.

Data Support

KCS data collection and analysis supported the simulation in three important ways. First, it enabled me to set appropriate starting conditions for the simulation. Second, it provided a six-month record of car demand for evaluating alternative car management policies. Third, it provided the distribution of interchange times used to simulate off-line time for gondolas. The following paragraphs explain each use of data in

greater detail.

First, determining appropriate starting conditions was critical to successfully employing the simulation model. Starting conditions include the location and status of actors and the availability of resources at the beginning of the simulation. If starting conditions do not reflect typical conditions found in the modeled process, the simulation may need to run for a long period of time before it begins to function as intended. In the prototype model of the KCS system, I needed to determine how the fleet of gondolas would be distributed across the network of stations at the beginning of the simulation. KCS provided a six-month record showing the locations where gondolas were delivered. I calculated the percentage of deliveries for each location. At the beginning of each simulation run, each gondola was randomly assigned to a starting location. The percentage of deliveries to each location was used as an estimate of the probability that a gondola would start the simulation at that location. The resulting distribution of gondolas reflected what was likely to be seen in a snapshot of the KCS system on any given day.

To compare alternative car management policies, I needed a realistic picture of car demand. KCS provided a record of car demand covering the six-month period from February through July of 1997. This included the time of request and the number of cars needed at each location. It stated when each load would be available and where it was to go. Additionally, the record included the amount of revenue generated by each load and indicated whether or not the load would interchange to another railroad. This record was tailored for use by the simulation in two ways. First, for each destination that was not explicitly modeled, I marked the corresponding loads for delivery to the nearest modeled

stations. I calculated additional delivery time based on frequency of local train service and distance from the modeled station to the peripheral station. Second, I amended the car demand record to include a nominal required delivery date for each load so timeliness of delivery could be tracked as a performance measure. The amended record of car demand is contained in appendix E. The simulation model used the amended record to increment car demand at each location at the appropriate times. When a car was loaded, the simulation assigned information about the load to the attributes of the car. When a car was unloaded, this information enabled the simulation to calculate hours late or early by subtracting the required delivery time from the actual delivery time.

I modeled the process of interchanging cars with other railroads by applying data in two ways. First, the six-month record of car demand was used to identify when and where cars interchanged with other railroads. When a load destined for interchange with another railroad was loaded on a car, the car attributes were annotated accordingly. When the car arrived at the interchange point, the model delayed the car to account for time the car was held by the other railroad. To determine the amount of time a car was held, the model randomly drew from a distribution of times determined from past experience with interchanging cars at that location. Appendix B lists the stations where KCS interchanges cars and provides statistical data on interchange times.

Alternative Car Management Policies

A major objective of this study was to use the simulation model to evaluate alternative car management policies that could increase profit for the railroad by reducing

car movement costs. The cost of moving empty cars to pick up loads comprises a substantial portion of total car movement costs. According to Mark Davidson, it costs KCS \$.40 per mile to transport empty cars. Additionally, car ownership costs add \$.36 per hour during the time the empty car is positioning to pick up a load. In order to reduce car movement costs, this study evaluated alternative car management policies that incorporated optimization to minimize empty car miles. The optimization routine was embedded in the simulation model as a tool for increasing the effectiveness of the car manager's decision process. Six car management policies were formulated based on the extent to which optimization would replace the current policy. These policies are described in table 4.

Table 4. Alternative Car Management Policies

| | |
|--------------|--|
| Policy One | Base Case Scenario. Maintain current size of pools. Assign freerunners to orders sequentially. |
| Policy Two | Maintain current size of pools, but assign freerunners using optimization. |
| Policy Three | Reduce size of pools by 25 percent. Assign freerunners using optimization. |
| Policy Four | Reduce size of pools by 50 percent. Assign freerunners using optimization. |
| Policy Five | Reduce size of pools by 75 percent. Assign freerunners using optimization. |
| Policy Six | Treat all cars as freerunners and assign using optimization. |

Experimental Design

To evaluate alternative car management policies, the simulation model of the KCS system was used to estimate the performance of each policy. This study focused on

two performance related statistics, the number of hours each load was delivered early or late from the customer's required delivery date, and the number of miles an empty car traveled to pick up each load. Because the prototype model simulated gondola movement, and gondolas do not normally carry time-sensitive cargo, I assigned a nominal required delivery date to each load. Based on guidance from Mark Davidson, the simulation model allowed one week for delivery after the customer made a revenue-generating load available for shipment. In the case of non-revenue loads, two weeks were allowed for delivery. Additionally, the simulation measured the variability in the hours late or early for each delivery.

These two statistics were used to relate system performance to timely, reliable, affordable customer service in three ways. First, the average number of hours late or early was used to evaluate the capability of the KCS system to provide timely service to its customers when employing each of the six alternative car management policies. Second, consistency of delivery times was used to indicate the reliability of service to the customer. For example, a policy that resulted in all deliveries occurring within one week of the customer's required delivery date was considered more reliable than a policy that resulted in 80 percent of deliveries occurring a week early and the other 20 percent occurring a month late. Finally, the average number of miles an empty car traveled to pick up a load directly affected car movement cost. A policy that resulted in an average of 100 empty car miles per load delivered was more affordable to the customer than a policy resulting in an average of 200 empty car miles per load delivered.

In evaluating alternative car management policies, it was important to note that the outcome of the stochastic simulation model was really a random sample from a population of possible outcomes from the simulated process. Consequently, a performance measurement obtained from one instance of running the simulation of the KCS system was an estimator of the actual performance of the system. The level of confidence that should be placed in the accuracy of the estimate depends on the size of the random sample and the variability inherent in the population of possible outcomes of the modeled process. The Central Limit Theorem⁷ of statistics states that increasing the size of the sample results in a corresponding decrease in the variability between the means of possible random samples. Furthermore, the theorem states that the mean of the sampling distribution of means is equal to the population mean. This implies that by taking a sufficient number of random samples of sufficient size, results from the simulation can be used to determine an interval estimate for performance measures of the simulated process that achieves some desired level of confidence. Based on input from managers at KCS, I decided to target the 95 percent confidence level. This meant that the team sought to use outcomes from the simulation model to determine an interval in which the true system performance could be expected to fall 95 times out of 100. To accomplish this, I simulated operation of the KCS system over a period of 180 days. Running the simulation for this period of time provided a sample size of over 4,000 observations on both performance statistics. I decided to conduct multiple simulation runs to narrow the interval of estimation so differences in performance between

alternative car management policies would be clearly visible to decision makers. The initial experimental design is shown in table 5.

Table 5. Initial Experimental Design

| Run | Policy | Seed | Hours Late/Early (Average) | Hours Late/Early (Standard Deviation) | Empty Car Miles Per Load (Average) |
|-----|--------|------|-------------------------------|--|---------------------------------------|
| 11 | 1 | 1 | ? | ? | ? |
| 12 | 1 | 2 | ? | ? | ? |
| 13 | 1 | 3 | ? | ? | ? |
| 21 | 2 | 1 | ? | ? | ? |
| 22 | 2 | 2 | ? | ? | ? |
| 23 | 2 | 3 | ? | ? | ? |
| 31 | 3 | 1 | ? | ? | ? |
| 32 | 3 | 2 | ? | ? | ? |
| 33 | 3 | 3 | ? | ? | ? |
| 41 | 4 | 1 | ? | ? | ? |
| 42 | 4 | 2 | ? | ? | ? |
| 43 | 4 | 3 | ? | ? | ? |
| 51 | 5 | 1 | ? | ? | ? |
| 52 | 5 | 2 | ? | ? | ? |
| 53 | 5 | 3 | ? | ? | ? |
| 61 | 6 | 1 | ? | ? | ? |
| 62 | 6 | 2 | ? | ? | ? |
| 63 | 6 | 3 | ? | ? | ? |

¹Sandra Strasser, "The Effect of Railroad Scheduling on Shipper Modal Selection," Journal of Business Logistics, May 1, 1992, 13, No. 2, 175.

²Mark Davidson, Interviews by author at KCS Headquarters, Kansas City, Missouri, September, 1997- April, 1998.

³Mark Davidson and Jack King, E-mail to author at Fort Leavenworth, Kansas, March 15, 1998.

⁴Bill Holmes, Interview by author at KCS Headquarters, Kansas City, Missouri, September 19, 1997.

⁵Billy Hughes, Interview by author at KCS Car Distribution Center, Shreveport, Louisiana, January 6, 1998.

⁶Davidson

⁷Donald H. Sanders, Statistics, A Fresh Approach (New York, McGraw Hill, 1990) 232.

CHAPTER 4

RESULTS

This chapter describes and interprets the results of simulation runs conducted according to the experimental design outlined in chapter 3. The first section discusses the statistical significance of simulation outcomes for estimating three performance measures affecting timely, reliable, affordable customer service. The second section interprets the results, drawing conclusions about the relative performance of alternative car management policies. Finally, the third section makes recommendations to KCS decision makers.

Table 6. Simulation Outcomes

| Run | Policy | Seed | Hours Late/Early Average | Hours Late/Early Standard Deviation | Empty Car Miles Average |
|-----|--------|------|-----------------------------|--|----------------------------|
| 11 | 1 | 1 | 6.6 Early | | 280.6 |
| 12 | 1 | 2 | 15.3 Early | | 283.8 |
| 13 | 1 | 3 | 10.3 Early | 159.4295 | 283.4 |
| 21 | 2 | 1 | 25.7 Early | | 278.1 |
| 22 | 2 | 2 | 10.8 Early | | 276.8 |
| 23 | 2 | 3 | 4.1 Late | 244.0711 | 277.4 |
| 31 | 3 | 1 | 14.8 Early | | 257.3 |
| 32 | 3 | 2 | 10.1 Late | | 255.9 |
| 33 | 3 | 3 | 34.7 Late | 303.7478 | 256.7 |
| 41 | 4 | 1 | 10.9 Late | | 238.9 |
| 42 | 4 | 2 | 30.6 Late | | 235.4 |
| 43 | 4 | 3 | 55.9 Late | 423.025 | 232.3 |
| 51 | 5 | 1 | 43.8 Late | | 214.7 |
| 52 | 5 | 2 | 38.2 Late | | 211.8 |
| 53 | 5 | 3 | 49.1 Late | 299.031 | 217.1 |
| 61 | 6 | 1 | 24.0 Early | | 203.3 |
| 62 | 6 | 2 | 22.4 Early | | 202.3 |
| 63 | 6 | 3 | 26.1 Early | 67.75774 | 200.4 |

Simulation Outcomes

Table 6 depicts the raw results obtained from running the prototype simulation model of the KCS system according to the experimental design described in Chapter Three. The average number of hours late or early from the required delivery time for each load was used to evaluate alternative car management policies based on timely customer service. The average number of empty car miles per load delivered was used to evaluate alternative policies based on affordable customer service. For both of these performance measures, the objective of the experimental design was to use simulation outcomes to portray the difference between alternative car management policies clearly at the 95 percent confidence level. To accomplish this objective, the standard error of the mean was calculated for the outcomes of three independent simulation runs for each policy. Using the T-Distribution,¹ the 95 percent confidence intervals were calculated for the mean performance of each policy. Constructing intervals in this manner results in only a five-percent chance that the true mean performance falls outside of these intervals. The intervals for the mean number of hours late or early from the required delivery time for each load are plotted in figure 3. The intervals for the mean number of empty car miles per load delivered are plotted in figure 4.

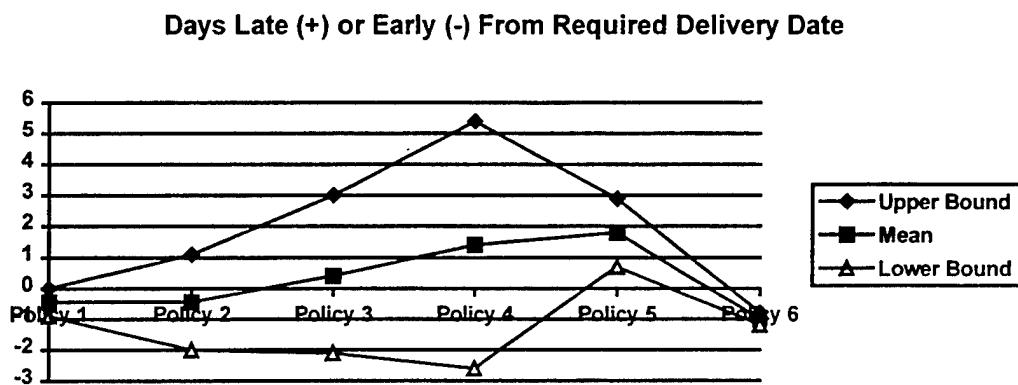


Figure 3. Average Delivery Time

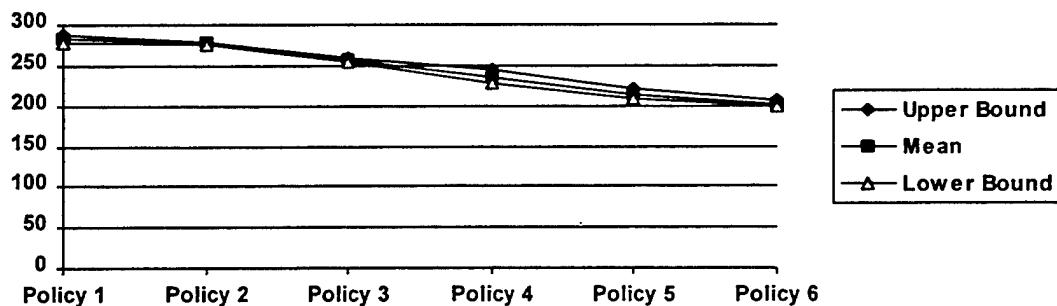


Figure 4. Average Empty Car Miles Per Load Delivered

It was also important to evaluate alternative car management policies in terms of reliable customer service. For this study, consistency in delivery time was used as an indicator of reliability. A policy providing a 95 percent chance that a given load would be delivered within one week was considered more reliable than a policy providing a 95 percent chance that a given load would be delivered within two weeks. Using the sample standard deviation for hours late or early, an upper bound for the number of hours late

from the required delivery time was calculated at the 95 percent confidence level for each policy. The resulting upper bounds are plotted in figure 5.

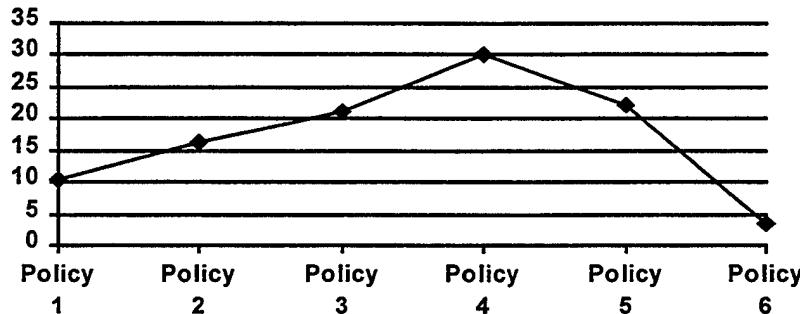


Figure 5. Latest Delivery Date (95% Confidence Bound)

Interpretation of Results

The simulation outcomes indicated a high degree of variability in average delivery time. Figure 3 shows how this variability resulted in wide prediction intervals that overlap from one policy to the next. Because prediction intervals for many of the policies overlapped, it was not possible to rank order these policies based on average delivery time. The only conclusion that could be drawn at the 95 percent confidence level was that maintaining the current pool size or getting rid of pool cars altogether provided more timely service than cutting the pool size by 75 percent. Additional simulation runs were needed to narrow the prediction interval and enable more conclusive evaluation of alternative car management policies based on average delivery time. The length of time

required to run the prototype simulation model for a 180-day time period prevented additional simulation runs from being conducted for this study.

While further study is needed to reduce uncertainty regarding average delivery times for each policy, one emerging trend was of great interest. The mean performance line in figure 3 shows a steady increase in delivery time as the number of pool cars was reduced. This trend was followed by a sharp decrease in delivery time when the last of the pool cars were converted to freerunners. The cause for this trend was quite intuitive, and revealed an interesting dilemma in simultaneously managing pool cars and freerunners. Car managers normally rely on pool cars to pick up loads at pool locations. However, if loads begin to back up at a pool location, the customer may ask for more cars, prompting the car manager to assign freerunners. In this case, loads at the pool location wait longer for service, causing later delivery times. This occurs more often as the number of pool cars is decreased. When all cars are treated as freerunners, however, there is no longer a need to wait and see if pool cars are going to suffice. Instead, freerunners are assigned to meet demand at any location as soon as an order is placed. Anticipating the demand for cars in this manner led to earlier delivery times.

The simulation outcomes indicated much less variability in the average number of empty car miles per load delivered than in the average hours late or early. From figure 4, it was clear that incorporating optimization in the car assignment process could substantially reduce empty car miles. The extent of this reduction was tied directly to the number of cars managed as freerunners. As discussed in Chapter Three, KCS pays \$.40 per mile to move empty cars. Ownership costs add another \$.36 for each hour a car

spends empty. Based on the six-month record of car demand provided by KCS, the gondola fleet moves about 9,800 loads per year. Figure 6 translates the reduction in empty car miles for each policy into expected annual savings for the gondola fleet.

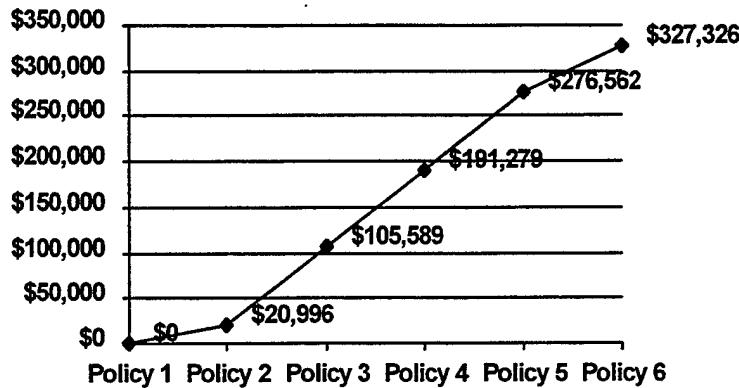


Figure 6. Projected Annual Savings for Gondola Fleet

Recommendations

The prototype simulation model indicated that managing the entire gondola fleet as freerunners while using an optimization tool to improve car assignment decisions provided the most timely, reliable, and affordable customer service. Based on this result, I recommend that KCS equip the manager of the gondola fleet with an optimization tool for reducing the number of empty car miles resulting from the car assignment process. Furthermore, KCS should reduce the number of gondolas assigned to pools in a phased approach, gradually transitioning to all freerunners. As the number of pool cars is reduced, car managers will need to anticipate shortages at the pool locations and respond proactively with freerunners to avoid delays in delivery. KCS should collect statistics on

empty car miles and average delivery time and compare the actual system performance with the expected performance at the end of each phase. If performance improves as expected for the gondola fleet, KCS should apply this method to manage other car types as well.

Managing gondolas as freerunners and using an optimization tool to aid the car assignment process could save KCS over \$300,000 per year in car movement costs. These savings could be passed along to the customer if KCS so desires. Furthermore, managing the gondola fleet in this manner will likely result in more timely, reliable customer service. This could enable KCS to compete more favorably for movement of time sensitive cargo, potentially leading to an increase in KCS's market share. Finally, making similar changes to the management of other car types could lead to similar gains across the entire KCS fleet. Reducing empty car miles for all car types could result in direct savings of over \$7 million per year. Reducing empty car miles will also increase the availability of cars for moving loads. Through aggressive marketing, KCS could capitalize on this opportunity to generate additional revenue.

¹Donald H. Sanders, Statistics, A Fresh Approach, (New York, McGraw Hill, 1990) 272.

CHAPTER 5

FUTURE RESEARCH

This chapter outlines three areas of additional research that should be conducted to further the accomplishments of this study. First, the prototype simulation model requires further development and testing. Second, this model should be expanded to a full-scale simulation model of the KCS system including all major tracks, stations, and car types. Finally, a systematic method should be developed for using the full-scale simulation model to support the decision process, to provide insight to KCS management over a broad range of business issues.

Development and Testing

Further development and testing of the prototype model is required in three areas. First, a more accurate assessment of resource levels is needed to determine the impact of constraints on the performance of the KCS system. KCS has initiated an investigation to determine the actual capacity of crews, locomotives, tracks, and switch engines at each of the stations modeled. For resource levels that were not currently known, the prototype model set the level artificially high so performance would not be hindered by the unknown factor. As KCS develops more accurate estimates, the prototype model should be adjusted to reflect those data.

Second, the distribution of interchange times should be studied more carefully because of its dramatic impact on system performance. The current prototype model

assigns interchange times by randomly drawing from a triangular distribution.¹ Appendix B lists the minimum, mean, and maximum values obtained from past experience with interchanging cars to other railroads. For some interchange locations, the maximum interchange time exceeded 100 days. Assigning an interchange time of this duration effectively removed the car from further consideration because the simulation run was terminated before the car was returned to KCS. Comparing simulation results with historical car event data indicated that this phenomenon occurred more often in the simulation than in reality. Consequently, I concluded that the triangular distribution is not the best to use because it assigns extremely high interchange times too frequently. A distribution with most of the interchange times grouped tightly around the mean and only rare instances in the extremes would be more representative of the actual interchange process. Further statistical analysis should be conducted to find a more representative distribution of interchange times for the simulation model.

Finally, before expanding to full-scale, the prototype model should be tested against historical car movement data to increase confidence in the accuracy of the model. The simulation should be run using historical car demand data. Results from the simulation should be compared with actual car movement records. Because the simulation is a stochastic model, accounting for inherent uncertainties in the system modeled, the load by load results of the simulation necessarily will vary from historical car movement. The long run averages from the simulation, however, should closely mirror averages from historical car movement records.

For this study, the prototype simulation model was run using a 180-day car demand record. Simulation results compared favorably with the car movement record for the same period with one exception. The simulation delivered fewer cars in the 180-day period than the car movement record indicated. This occurred because the simulation assigned extremely long interchange times to several cars. Consequently, it terminated before the loads on these cars were delivered. When I changed the minimum and maximum interchange times to values closer to the average, simulation results more closely matched actual car movement records. Before expanding to full scale, a more representative distribution for interchange times should be incorporated in the prototype model and additional validation testing should be accomplished.

Expanding the Model

The prototype simulation model needs to be expanded in two ways. First, additional stations and tracks should be added to cover the entire KCS system. The prototype simulation model explicitly modeled 44 stations considered by KCS to be most important to their operations. Other stations were handled as peripherals to the 44 modeled stations. As the model is expanded, peripheral stations should be modeled explicitly. This will result in greater fidelity in executing train schedules and tracking car movement.

The prototype simulation model also needs to be expanded to include additional tracks that are important to KCS operations. The current model only accounted for tracks owned by KCS. The greater KCS system includes tracks on which KCS has haulage and

joint rate trackage rights. This expands the network to include tracks from Minneapolis, Minnesota, to Veracruz, Mexico. To support the full range of KCS business decisions, the simulation model should be expanded to include these tracks.

Second, the prototype simulation model only accounted for gondola operations. Other car types such as boxcars, hoppers, and tank cars should be included in the full-scale simulation model. While gondolas are managed in a manner representative of other car types, each car type has some unique features that must be accounted for in the simulation model. Further study of the car management system is required to determine how to model other car types.

Physical expansion to include additional stations and tracks as well as logical expansion to include other types of cars cannot be accomplished with the current simulation software. The prototype simulation model was constructed using version 4.6 of SLAM. This version is FORTRAN based and uses fixed array dimensioning. The prototype simulation model already stretches the dimensional boundaries inherent in the software. To expand beyond the prototype model, future research should transition to the follow-on simulation software package called AWESIM. AWESIM is based on the "C" programming language and features variable array dimensioning. Expanding to a full-scale simulation model of the KCS system with AWESIM should not present a problem.

Supporting the Decision Process

The prototype simulation model captured the key processes, the limiting resources, and the major relationships influencing the successful operation of the KCS

system. Applying the prototype model to evaluate alternative car management policies provided valuable insight to KCS decision makers. Expanding to a full-scale simulation of the KCS system should provide even greater insight. Further research is needed, however, to determine the most effective way to use the simulation to support decision makers at KCS. The prototype model takes 14 hours to complete simulation of a 180-day operating period. A full-scale simulation model may require even more time. While this does not preclude setting up a unique experimental design to answer each business question KCS managers may have, a more effective method for using the simulation may be available. A systematic approach would be to use the simulation to identify major effects and interaction effects for key control parameters such as the frequency of trains or the number of cars operated by KCS. Once the major effects and interaction effects for these control parameters are understood, KCS managers can identify potentially advantageous policies defined by specific settings of the control parameters. These policies can be evaluated in greater depth through further use of the simulation. Rather than optimizing the performance of sub-components by addressing one issue at a time, this method can potentially achieve optimal performance of the overall KCS system.

Regardless of the method developed for using the simulation model to support decision makers, the potential for further research is wide open. This study scratched the surface by evaluating alternative car management policies. A wide range of questions still needs to be addressed. For example, how many cars of each car type should KCS operate? What is the most effective train schedule to support the pattern of car movement at KCS? Can KCS guarantee rapid delivery of time-sensitive cargo and thus increase its

market share? What are the primary causes of congestion and how can KCS reduce its adverse impact? Questions like these provide an open invitation for further research.

¹Jerry Banks and John S. Carson, II., Discrete-Event System Simulation
(Engelwood Cliffs, NJ, Prentice Hall, 1984) 157-160.

APPENDIX A

TRAIN SCHEDULES

KCS operates 172 regularly scheduled trains divided into three major categories, general manifest, intermodal, and local. The prototype model simulated operation of trains based on the current train schedule provided by KCS. This schedule was used to generate trains at the appropriate time of day and on the appropriate days of the week. It was also used to mark the attributes of the train that prompted the train to stop at the appropriate stations and to swap crews at the scheduled times. The train schedule provided by KCS was read into the simulation as an EXCEL database. The train schedule database is depicted in the following pages.

Train Schedule

Category:KCS; Network:KCS; Blocks:KCS;
Trains:KCS

| # | Train | | | Inbound | Out- | Origin | Blocks | Final | | | | |
|---------|---------------|----------|-------|------------|-------|----------|--------|--------|--------|--------|-------|-------|
| # | Train | Ver. | Categ | Freq | HP/TO | Ready | Cutoff | Cutoff | Cutoff | Cutoff | Proc | Time |
| 1 | 1 ALAT1 | | 1 | Intermodal | | 7 | 2 | 0 | 0 | 100 | 100 | 0 |
| Effecti | 5/19/97 | ve | | Expira | ##### | | Operat | Su | Mo | Tu | We | Th |
| | | | | tion | | | es: | | | | | |
| | | | | | | — Ariv — | | — Sta | | | | |
| | | | | | | | | Dept — | | | | |
| # | Location | Railroad | | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist |
| 1 * | Alliance TX | KCS | | | 0 | 0 | CST | 1600 | 0 | 100 | 25 | 0 |
| 2 * | Greenville TX | KCS | | | 2010 | 0 | | 2030 | 0 | 20 | 32 | 102.7 |
| 3 * | Shreveport LA | KCS | | | 125 | 1 | | 345 | 1 | 220 | 8 | 260.3 |
| 4 * | Bossier Yard | KCS | | | 445 | 1 | | 505 | 1 | 20 | 36 | 268.3 |
| 5 * | Monroe LA | KCS | | | 745 | 1 | | 745 | 1 | | 30 | 363.6 |
| 6 * | Vicksburg MS | KCS | | | 1015 | 1 | | 1015 | 1 | | 22 | 437.5 |

| | | | | | | | | | |
|------|-----------|----|-----|------|-------|------|---|----|---------------------------|
| 7 * | Jackson | MS | KCS | 1220 | 1 | 1220 | 1 | 8 | 482.3 |
| 8 * | Jackson | | KCS | 1300 | 1 | 1845 | 1 | 23 | 487.6 Crew |
| 9 * | Yard MS | | | | | | | | |
| | Meridian | NS | | 2245 | 1 | 2300 | 1 | 15 | 29 578.1 Crew |
| 10 * | ATLA-RAMP | NS | EST | 1100 | 2 EST | 0 | 0 | 45 | 892.7 Fuel Work Crew Insp |

2 I ATAL1 1 Intermodal 7 2.5 0 0 100 100 0 100

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-----------------|----------|-----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | ATLA-RAMP | NS | | 0 | 0 | EST | 500 | 0 | 45 | 30 | 0 | Fuel Work Crew Insp |
| 2 * | Meridian MS | KCS | CST | 1440 | 0 | | 1500 | 0 | 20 | 36 | 314.6 | Crew |
| 3 * | Jackson Yard MS | KCS | | 1730 | 0 | | 2015 | 0 | 245 | 18 | 405.1 | Work Crew |
| 4 * | Vicksburg MS | KCS | | 2300 | 0 | | 2300 | 0 | | 33 | 455.2 | |
| 5 * | Bossier Yard | KCS | | 410 | 1 | | 430 | 1 | 20 | 8 | 624.4 | Crew |
| 6 * | Shreveport LA | KCS | | 530 | 1 | | 650 | 1 | 120 | 33 | 632.4 | Work |
| 7 * | Greenville TX | KCS | | 1140 | 1 | | 1200 | 1 | 20 | 42 | 790 | Crew |
| 8 * | Lavon Jct. | KCS | | 1240 | 1 | | 1240 | 1 | | 17 | 818.2 | |
| 9 * | Alliance TX | KCS | | 1700 | 1 | | 0 | 0 | 100 | | 892.7 | Fuel Work Insp |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-----------------|----------|-----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | ATLA-RAMP | NS | | 0 | 0 | EST | 100 | 0 | 45 | 29 | 0 | Fuel Work Crew Insp |
| 2 * | Meridian MS | KCS | CST | 1055 | 0 | | 1115 | 0 | 20 | 36 | 314.6 | Crew |
| 3 * | Jackson Yard MS | KCS | | 1345 | 0 | | 1815 | 0 | 430 | 19 | 405.1 | Work Crew |
| 4 * | Vicksburg MS | KCS | | 2055 | 0 | | 2055 | 0 | | 29 | 455.2 | |
| 5 * | Monroe LA | KCS | | 2330 | 0 | | 2330 | 0 | | 36 | 529.1 | |
| 6 * | Bossier Yard | KCS | | 210 | 1 | | 325 | 1 | 115 | 8 | 624.4 | Crew |
| 7 * | Shreveport LA | KCS | | 425 | 1 | | 425 | 1 | | 33 | 632.4 | |
| 8 * | Greenville TX | KCS | | 915 | 1 | | 915 | 1 | | 42 | 790 | |
| 9 * | Lavon Jct. | KCS | | 955 | 1 | | 955 | 1 | | 18 | 818.2 | |
| 10 * | Zacha Jct. TX | KCS | | 1045 | 1 | | 0 | 0 | | | 833 | |

| 4 I | DAAT1 | 1 Intermodal | 7 | 0 | 0 | 0 | 100 | 100 | 0 | 100 | |
|---------------|----------------------|----------------|--------------|---------------|----------------|-----|------|------|------|------------|-----------------------|
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed Dist | — Yard Activity — |
| 1 * | Zacha Jct. TX | KCS | | 0 | 0 | CST | 200 | 0 | 45 | 18 | 0 Fuel Work Crew Insp |
| 2 * | Lavon Jct. | KCS | | 250 | 0 | | 250 | 0 | | 42 | 14.8 |
| 3 * | Greenville | KCS | | 330 | 0 | | 330 | 0 | | 32 | 43 |
| 4 * | Shreveport | KCS | | 825 | 0 | | 825 | 0 | | 8 | 200.6 |
| 5 * | Bossier Yard | KCS | | 925 | 0 | | 1025 | 0 | 100 | 36 | 208.6 Crew |
| 6 * | Monroe LA | KCS | | 1305 | 0 | | 1305 | 0 | | 30 | 303.9 |
| 7 * | Vicksburg | KCS | | 1535 | 0 | | 1535 | 0 | | 22 | 377.8 |
| 8 * | Jackson MS | KCS | | 1740 | 0 | | 1740 | 0 | | 8 | 422.6 |
| 9 * | Jackson Yard MS | KCS | | 1820 | 0 | | 1950 | 0 | 130 | 31 | 427.9 Crew |
| 10 * | Meridian MS | NS | CST | 2245 | 0 | | 2300 | 0 | 15 | 12 | 518.4 Crew |
| 11 * | MERID-NS | NS | | 2305 | 0 | | 2305 | 0 | | 29 | 519.4 |
| 12 * | ATLA- RAMP | NS | EST | 1100 | 1 | EST | 0 | 0 | | | 833 |
| 5 I | DAKC1 | 1 Intermodal | 7 | 0 | 0 | 0 | 1600 | 1600 | 0 | 1600 | |
| Effecti ve | 8/ 9/96 | Expira tion | ##### | Operat es: | Su | Mo | Tu | We | Th | Fr | |
| | | | | | | | | | | | |
| | | | --- Ariv --- | --- | Sta Dept -- | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed Dist | — Yard Activity — |
| 1 * | Zacha Jct. TX | KCS | | 0 | 0 | | 1700 | 0 | 45 | 29 | 0 Fuel Work Crew Insp |
| 2 * | Greenville TX | KCS | | 1830 | 0 | | 1850 | 0 | 20 | 36 | 43 Work Crew |
| 3 * | Hughes Springs TX | KCS | | 2130 | 0 | | 2300 | 0 | 130 | 33 | 138.3 Work |
| 4 * | Texas Junction | KCS | | 45 | 1 | | 105 | 1 | 20 | 8 | 196.3 Work Crew |
| 5 * | Blanchard LA | KCS | | 110 | 1 | | 110 | 1 | | 30 | 197 |
| 6 * | Heavener OK | KCS | | 810 | 1 | | 1010 | 1 | 200 | 30 | 407.3 Work Crew |
| 7 * | Sallisaw OK | KCS | | 1145 | 1 | | 1305 | 1 | 120 | 28 | 454.2 Work |
| 8 * | Pittsburg KS | KCS | | 1900 | 1 | | 1930 | 1 | 30 | 30 | 618.5 Crew |
| 9 * | Kansas City MO | KCS | | 2340 | 1 | | 0 | 0 | 100 | | 743.5 Fuel Work Insp |
| 6 I | DAMT1 | 1 Intermodal | 6 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist |
| | | | | | | | | | | — Yard Activity — | |
| 1 * | ZACHA-RAMP | KCS | | 0 | 0 | | 600 | 0 | | | 0 Work |
| 2 * | Zacha Jct. TX | KCS | | 605 | 0 | | 605 | 0 | | 10 | 0 |
| 3 * | Renner Junction Metro TX | KCS | | 715 | 0 | | 715 | 0 | | 29 | 11.9 |
| 4 * | | | | 830 | 0 | | 0 | 0 | | | 48.6 |
| 7 I | KCDA1 | 1 Intermodal | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 100 |
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| — Ariv — — Sta Dept — | | | | | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist |
| | | | | | | | | | | — Yard Activity — | |
| 1 * | Blanchard Spur LA | KCS | | 0 | 0 | | 205 | 1 | 20 | 41 | 0 Work Crew |
| 2 * | Hughes Springs TX | KCS | | 330 | 1 | | 525 | 1 | 155 | 36 | 57.7 Work |
| 3 * | Greenville TX | KCS | | 805 | 1 | | 845 | 1 | 40 | 42 | 153 Crew |
| 4 * | Lavon Jct. | KCS | | 925 | 1 | | 1010 | 1 | 45 | 18 | 181.2 Work |
| 5 * | Zacha Jct. TX | KCS | | 1100 | 1 | | 0 | 0 | 45 | | 196 Fuel Work Insp |
| 8 I | KCND1 | 1 Intermodal | | 7 | 0 | 0 | 0 | 0 | 100 | 0 | 100 |
| Effecti ve | 1/5/98 | Expiration | ##### | Operat Su Mo Tu We Th Fr Sa es: | | | | | | | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist |
| | | | | | | | | | | — Yard Activity — | |
| 1 * | Kansas City MO | KCS | | 0 | 0 | CST | 5 | 0 | 100 | 26 | 0 Fuel Work Crew Insp |
| 2 * | Pittsburg KS | KCS | | 450 | 0 | | 530 | 0 | 40 | 22 | 125 Crew |
| 3 * | Saginaw MO | KCS | | 700 | 0 | | 700 | 0 | | 28 | 158.1 |
| 4 * | Neosho MO | KCS | | 730 | 0 | | 730 | 0 | | 29 | 172.3 |
| 5 * | Sallisaw OK | KCS | | 1130 | 0 | | 1230 | 0 | 100 | 31 | 289.3 Work |
| 6 * | Heavener OK | KCS | | 1400 | 0 | | 1500 | 0 | 100 | 28 | 336.2 Work Crew |
| 7 * | South Hatton AR | KCS | | 1725 | 0 | | 1725 | 0 | | 30 | 403.2 |
| 8 * | DeQueen AR | KCS | | 1820 | 0 | | 1820 | 0 | | 32 | 431.1 |
| 9 * | Wade AR | KCS | | 1830 | 0 | | 1830 | 0 | | 14 | 436.4 |
| 10 * | Wilton AR | KCS | | 2020 | 0 | | 2120 | 0 | 100 | 29 | 461.2 Work |

| | | | | | | | | |
|------|-------------------|-----|------|---|------|---|-----|--------------|
| 11 * | Ashdown AR | KCS | 2135 | 0 | 2135 | 0 | 47 | 468.4 |
| 12 * | Texas Junction | KCS | 2315 | 0 | 105 | 1 | 150 | 7 547.2 Work |
| 13 * | Shreveport LA | KCS | 140 | 1 | 0 | 0 | | 551.5 |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Shreveport LA | KCS | | 0 | 0 | CST | 320 | 1 | 100 | 24 | 0 | Fuel Work Crew Insp |
| 2 * | Latanier LA | KCS | | 910 | 1 | | 930 | 1 | 20 | 28 | 139.5 | Crew |
| 3 * | Baton Rouge LA | KCS | | 1255 | 1 | | 1315 | 1 | 20 | 22 | 234.8 | Work |
| 4 * | Reserve LA | KCS | | 1525 | 1 | | 1545 | 1 | 20 | 20 | 281.8 | Work |
| 5 * | New Orleans LA | KCS | | 1715 | 1 | | 0 | 0 | | | 311.1 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Metro TX | KCS | | 0 | 0 | | 1600 | 0 | | 28 | 0 | Work Crew |
| 2 * | Renner Junction | KCS | | 1720 | 0 | | 1720 | 0 | | 7 | 36.7 | |
| 3 * | Zacha Jct. TX | KCS | | 1900 | 0 | | 1900 | 0 | | | 48.6 | Work |
| 4 * | ZACHA- RAMP | KCS | | 1935 | 0 | | 0 | 0 | | | 48.6 | |

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|-----|-------------------|----------|----|-----------------|-----|----|------|-----|------|-------|-----------|------------------------|
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | New Orleans LA | KCS | | 0 | 0 | | 1930 | 0 | 100 | 20 | 0 | Fuel Work Crew Insp |
| 2 * | Reserve LA | KCS | | 2100 | 0 | | 2130 | 0 | 30 | 22 | 29.3 | Work |
| 3 * | Baton Rouge LA | KCS | | 2340 | 0 | 30 | 1 | 50 | 12 | 76.3 | Work Crew | |

| | | | | | | | | | | |
|------|----------------|-----|------|---|------|---|-----|----|-------|-----------|
| 4 * | Lobdell LA | KCS | 110 | 1 | 140 | 1 | 30 | 32 | 84.5 | Work |
| 5 * | Latanier LA | KCS | 425 | 1 | 510 | 1 | 45 | 24 | 171.6 | Work Crew |
| 6 * | Grappes | KCS | 820 | 1 | 850 | 1 | 30 | 21 | 248.6 | Work |
| | Bluff LA | | | | | | | | | |
| 7 * | Shreveport LA | KCS | 1145 | 1 | 1315 | 1 | 130 | 28 | 311.1 | Work Crew |
| 8 * | Heavener OK | KCS | 2055 | 1 | 2215 | 1 | 120 | 30 | 526.4 | Work Crew |
| 9 * | Sallisaw OK | KCS | 2350 | 1 | 50 | 2 | 100 | 5 | 573.3 | Work |
| 10 * | Pittsburg KS | KCS | 645 | 3 | 715 | 3 | 30 | 26 | 737.6 | Work |
| 11 * | Kansas City MO | KCS | 1200 | 3 | 0 | 0 | | | | 862.6 |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | -- Yard Activity -- |
|---|----------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
|---|----------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|

| | | | | | | | | | |
|-----|-------------|----|------|---|------|---|-----|----|----|
| 1 * | Hattiesburg | IC | 0 | 0 | 1400 | 0 | 600 | 12 | 0 |
| | MS | | | | | | | | |
| 2 * | HATBG-NS | IC | 1405 | 0 | 1410 | 0 | 5 | 24 | 1 |
| 3 * | HATBG-IC | IC | 1415 | 0 | 1425 | 0 | 10 | 12 | 3 |
| 4 * | Hattiesburg | IC | 1430 | 0 | 1440 | 0 | 10 | 36 | 4 |
| | MS | | | | | | | | |
| 5 * | JACKN-IC | IC | 1710 | 0 | 0 | 0 | | | 94 |

13 IC 350 2 Local,Dodgers 7 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|---|----------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
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| | | | | | | | | | |
|-----|----------|-----|------|---|------|---|----|------|------------------------|
| 1 * | DeQueen | KCS | 0 | 0 | 2330 | 0 | 21 | 0 | Fuel Work Crew Insp |
| | AR | | | | | | | | |
| 2 * | Wade AR | KCS | 2345 | 0 | 2345 | 0 | 19 | 5.3 | |
| 3 * | Winthrop | KCS | 20 | 1 | 20 | 1 | 17 | 16.4 | |

| | | | | | | | | | | | |
|------|--------------|-----|-----|---|-----|---|-----|----|-------|-------|--|
| | | AR | | | | | | | | | |
| 4 * | Gifford Hill | KCS | 100 | 1 | 200 | 1 | 100 | 22 | 28 | | |
| 5 * | Spur | | | | | | | | | | |
| 5 * | Ashdown | KCS | 225 | 1 | 325 | 1 | 100 | 17 | 37.3 | Work | |
| 6 * | AR | | | | | | | | | | |
| 6 * | Texarkana | KCS | 425 | 1 | 525 | 1 | 100 | 24 | 54 | Work | |
| 7 * | TX | | | | | | | | | | |
| 7 * | Jury TX | KCS | 540 | 1 | 540 | 1 | | 19 | 59.9 | | |
| 8 * | Sandra LA | KCS | 655 | 1 | 700 | 1 | 5 | 20 | 83.9 | | |
| 9 * | Shoreline | KCS | 745 | 1 | 830 | 1 | 45 | 20 | 98.9 | Work | |
| LA | | | | | | | | | | | |
| 10 * | Blanchard | KCS | 920 | 1 | 920 | 1 | | 9 | 115.4 | | |
| LA | | | | | | | | | | | |
| 11 * | Shreveport | KCS | 955 | 1 | 0 | 0 | | | | 120.4 | |
| LA | | | | | | | | | | | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|----------------|----------|----|------|-----|-----|------|-----|------|-------|------|---------------------|
| 1 * | Gulfport MS | KCS | | 0 | 0 | CST | 900 | 0 | 100 | 34 | 0 | Fuel Work Crew Insp |
| 2 * | Delisle MS | KCS | | 930 | 0 | | 930 | 0 | | 36 | 17 | |
| 3 * | Landon MS | KCS | | 955 | 0 | | 955 | 0 | | 46 | 32 | |
| 4 * | Hovey MS | KCS | | 1010 | 0 | | 1010 | 0 | | 20 | 43.5 | |
| 5 * | Howison MS | KCS | | 1020 | 0 | | 1020 | 0 | | 36 | 46.9 | |
| 6 * | McHenry MS | KCS | | 1025 | 0 | | 1025 | 0 | | 64 | 49.9 | |
| 7 * | Perkinston MS | KCS | | 1030 | 0 | | 1030 | 0 | | 34 | 55.2 | |
| 8 * | Wiggins MS | KCS | | 1040 | 0 | | 1040 | 0 | | 36 | 60.8 | |
| 9 * | Bond MS | KCS | | 1045 | 0 | | 1045 | 0 | | 35 | 63.8 | |
| 10 * | Brooklyn MS | KCS | | 1105 | 0 | | 1105 | 0 | | 31 | 75.6 | |
| 11 * | Camp Shelby MS | KCS | | 1125 | 0 | | 1125 | 0 | | 37 | 85.8 | |
| 12 * | Palmer MS | KCS | | 1135 | 0 | | 1135 | 0 | | 25 | 92 | |
| 13 * | Hattiesburg MS | KCS | | 1145 | 0 | | 0 | 0 | 1200 | | 96.2 | |

16 L 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0 0
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Gonzales LA | KCS | | 0 | 0 | | 500 | 0 | 5 | 20 | 0 | Fuel Work Crew Insp |
| 2 * | Sorrento LA | KCS | | 515 | 0 | | 515 | 0 | | 16 | 4.9 | |
| 3 * | Barmen LA | KCS | | 525 | 0 | | 525 | 0 | | 30 | 7.6 | |
| 4 * | McElroy LA | KCS | | 530 | 0 | | 530 | 0 | | 19 | 10.1 | |

| | | | | | | | | |
|------|----------------|-----|-----|---|-----|---|----|------|
| 5 * | Gramercy LA | KCS | 555 | 0 | 555 | 0 | 20 | 17.9 |
| 6 * | Garyville LA | KCS | 610 | 0 | 610 | 0 | 19 | 23 |
| 7 * | Reserve LA | KCS | 615 | 0 | 615 | 0 | 26 | 24.6 |
| 8 * | Montegut LA | KCS | 625 | 0 | 625 | 0 | 18 | 28.9 |
| 9 * | Norco LA | KCS | 650 | 0 | 650 | 0 | 23 | 36.3 |
| 10 * | Frellsen LA | KCS | 710 | 0 | 710 | 0 | 8 | 44 |
| 11 * | New Orleans LA | KCS | 825 | 0 | 0 | 0 | | 53.9 |

| | | | | | | | | | |
|------|--------|-----------------------|---|---|---|---|---|---|---|
| 17 L | HBDGP1 | 1 Local,Dodgers ,Turn | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
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Effecti ve 12/18/96 Expira tion ##### Operat es: Tu Th Sa

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-------------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Hattiesburg MS | KCS | | 0 | 0 | | 900 | 0 | 100 | 17 | 0 | Work Crew |
| 2 * | Palmer MS | KCS | | 915 | 0 | | 915 | 0 | | 19 | 4.2 | |
| 3 * | Camp Shelby MS | KCS | | 935 | 0 | | 935 | 0 | | 24 | 10.4 | Work |
| 4 * | McLaurin Ms | KCS | | 940 | 0 | | 940 | 0 | | 20 | 12.4 | |
| 5 * | Brooklyn MS | KCS | | 1005 | 0 | | 1005 | 0 | | 17 | 20.6 | |
| 6 * | Maxie MS | KCS | | 1025 | 0 | | 1025 | 0 | | 22 | 26.2 | |
| 7 * | Wiggins MS | KCS | | 1050 | 0 | | 1050 | 0 | | 17 | 35.4 | Work |
| 8 * | Perkinson MS | KCS | | 1110 | 0 | | 1110 | 0 | | 21 | 41 | |
| 9 * | McHenry MS | KCS | | 1125 | 0 | | 1125 | 0 | | 19 | 46.3 | |
| 10 * | Wortham MS | KCS | | 1200 | 0 | | 1200 | 0 | | 19 | 57.6 | |
| 11 * | Delisle MS | KCS | | 1310 | 0 | | 1310 | 0 | | 20 | 79.2 | |
| 12 * | North Gulfport MS | KCS | | 1355 | 0 | | 1355 | 0 | | 12 | 94.2 | |
| 13 * | Gulfport MS | KCS | | 1405 | 0 | | 0 | 0 | 100 | | 96.2 | Work |

| | | | | | | | | | | |
|------|-------|-----------------------|---|---|---|---|---|---|---|---|
| 18 L | NOGZ1 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------|-------|-----------------------|---|---|---|---|---|---|---|---|

Effecti ve 1/22/97 Expira tion ##### Operat es: Mo Tu We Th Fr Sa

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | New Orleans LA | KCS | | 0 | 0 | | 2000 | 0 | 20 | 8 | 0 | Fuel Work Crew Insp |
| 2 * | Frellsen LA | KCS | | 2115 | 0 | | 2135 | 0 | 20 | 23 | 9.9 | |
| 3 * | Norco LA | KCS | | 2155 | 0 | | 2215 | 0 | 20 | 18 | 17.6 | |
| 4 * | Montegut LA | KCS | | 2240 | 0 | | 2300 | 0 | 20 | 26 | 25 | |
| 5 * | Reserve LA | KCS | | 2310 | 0 | | 110 | 1 | 200 | 19 | 29.3 | |
| 6 * | Garyville LA | KCS | | 115 | 1 | | 135 | 1 | 20 | 20 | 30.9 | |
| 7 * | Gramercy | KCS | | 150 | 1 | | 250 | 1 | 100 | 19 | 36 | |

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|------|----------|----|-----|-----|---|-----|---|-----|----|------|--|
| | | LA | | | | | | | | | |
| 8 * | McElroy | LA | KCS | 315 | 1 | 335 | 1 | 20 | 30 | 43.8 | |
| 9 * | Barmen | LA | KCS | 340 | 1 | 410 | 1 | 30 | 16 | 46.3 | |
| 10 * | Sorrento | LA | KCS | 420 | 1 | 440 | 1 | 20 | 20 | 49 | |
| 11 * | Gonzales | LA | KCS | 455 | 1 | 0 | 0 | 200 | | 53.9 | |

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|------|-------|-----------------------|---|---|---|---|---|---|---|---|--|
| 19 L | PBSS1 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
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| Effecti ve | 1/23/97 | Expira tion | ##### | Operat es: | Mo Fr | Tu Sa | We | Th | As Reqd | | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|------|----------------|----------|-----|------|-----|-----|------|-----|------|-------|-------|-----------------------|
| 1 * | Pittsburg | KS | KCS | 0 | 0 | CST | 2000 | 0 | 45 | 15 | 0 | Fuel Work Crew Insp |
| 2 * | Joplin | MO | KCS | 2150 | 0 | | 2150 | 0 | | 17 | 27.4 | |
| 3 * | Saginaw | MO | KCS | 2210 | 0 | | 2220 | 0 | 10 | 18 | 33.1 | Work |
| 4 * | Terminal Spur | MO | KCS | 2300 | 0 | | 2310 | 0 | 10 | | 45.3 | Work |
| 5 * | NEOSH-BN | KCS | | 2310 | 1 | | 2310 | 1 | | 12 | 46.2 | |
| 6 * | Neosho | MO | KCS | 2315 | 1 | | 2345 | 1 | 30 | 20 | 47.2 | Work |
| 7 * | McElhaney | MO | KCS | 5 | 2 | | 20 | 2 | 15 | 15 | 53.9 | Work |
| 8 * | Goodman | MO | KCS | 35 | 2 | | 35 | 2 | | 21 | 57.7 | |
| 9 * | Anderson | MO | KCS | 55 | 2 | | 125 | 2 | 30 | 18 | 64.8 | Work |
| 10 * | Noel | MO | KCS | 155 | 2 | | 205 | 2 | 10 | 20 | 73.8 | Work |
| 11 * | Peterson | AR | KCS | 250 | 2 | | 320 | 2 | 30 | 13 | 89.1 | Work |
| 12 * | Decatur | AR | KCS | 325 | 2 | | 325 | 2 | | 22 | 90.2 | |
| 13 * | Gentry | AR | KCS | 340 | 2 | | 350 | 2 | 10 | 14 | 95.7 | Work |
| 14 * | Flint Creek | AR | KCS | 355 | 2 | | 405 | 2 | 10 | 17 | 96.9 | Work |
| 15 * | Siloam Springs | AR | KCS | 425 | 2 | | 525 | 2 | 100 | 20 | 102.5 | Work |
| 16 * | Watts | OK | KCS | 545 | 2 | | 545 | 2 | | 20 | 109.1 | |
| 17 * | Siloam Springs | AR | KCS | 605 | 2 | | 0 | 0 | | | 115.8 | |

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| 20 L | SHDQ1 | 1 Local,Dodgers ,Turn | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------|-------|-----------------------|---|---|---|---|---|---|---|---|---|

| Effecti ve | 12/21/97 | Expira tion | ##### | Operat es: | Su | Mo | Tu | We | Th | Fr | Sa |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|------------|----------|-----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Shreveport | LA | KCS | 0 | 0 | | 2230 | 0 | | 9 | 0 | Fuel Work Crew Insp |
| 2 * | Blanchard | LA | KCS | 2305 | 0 | | 2305 | 0 | | 20 | 5 | |
| 3 * | Shoreline | LA | KCS | 2355 | 0 | | 40 | 1 | 45 | 20 | 21.5 | Work |
| 4 * | Sandra | LA | KCS | 125 | 1 | | 125 | 1 | | 19 | 36.5 | |

| | | | | | | | | |
|------|-------------------|-----|-----|---|-----|---|-----|--------------|
| 5 * | Jury TX | KCS | 240 | 1 | 240 | 1 | 24 | 60.5 |
| 6 * | Texarkana | KCS | 255 | 1 | 355 | 1 | 17 | 66.4 Work |
| | TX | | | | | | | |
| 7 * | Ashdown AR | KCS | 455 | 1 | 555 | 1 | 100 | 19 83.1 Work |
| 8 * | Gifford Hill Spur | KCS | 625 | 1 | 625 | 1 | 25 | 92.4 |
| 9 * | Wilton AR | KCS | 630 | 1 | 630 | 1 | 21 | 94.5 |
| 10 * | Winthrop AR | KCS | 710 | 1 | 710 | 1 | 19 | 108.2 |
| 11 * | Wade AR | KCS | 745 | 1 | 745 | 1 | 21 | 119.3 |
| 12 * | DeQueen AR | KCS | 800 | 1 | 0 | 0 | | 124.6 |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|----|------|-----|-----|------|-----|------|-------|----------------------|-----------------------|
| 1 * | Alliance TX | KCS | | 0 | 0 | CST | | 100 | 0 | 45 | 19 | 0 Fuel Work Crew Insp |
| 2 * | Greenville TX | KCS | | 625 | 0 | | 755 | 0 | 130 | 25 | 102.7 Crew | |
| 3 * | Hughes Springs TX | KCS | | 1145 | 0 | | 1555 | 0 | 410 | 22 | 198 Work | |
| 4 * | Shreveport LA | KCS | | 1845 | 0 | | 0 | 0 | 100 | | 260.3 Fuel Work Insp | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-----------------|----------|----|------|-----|-----|------|------|------|-------|-----------------|-----------------------|
| 1 * | Artesia MS | KCS | | 0 | 0 | CST | | 2200 | 0 | 100 | 19 | 0 Fuel Work Crew Insp |
| 2 * | Meridian MS | KCS | | 230 | 1 | | 400 | 1 | 130 | 29 | 84 Work Crew | |
| 3 * | Jackson Yard MS | KCS | | 705 | 1 | | 905 | 1 | 200 | 8 | 174.5 Work | |
| 4 * | Jackson MS | KCS | | 945 | 1 | | 1015 | 1 | 30 | 17 | 179.8 | |
| 5 * | Vicksburg MS | KCS | | 1255 | 1 | | 1315 | 1 | 20 | 23 | 224.6 Crew | |
| 6 * | Monroe LA | KCS | | 1630 | 1 | | 1830 | 1 | 200 | 23 | 298.5 Work | |
| 7 * | Bossier Yard | KCS | | 2235 | 1 | | 2255 | 1 | 20 | 22 | 393.8 Crew | |
| 8 * | Benson LA | KCS | | 112 | 2 | | 142 | 2 | 30 | 30 | 443.2 Work | |
| 9 * | Leesville LA | KCS | | 350 | 2 | | 520 | 2 | 130 | 30 | 507.1 Work | |
| 10 * | DeQuincy LA | KCS | | 700 | 2 | | 745 | 2 | 45 | 24 | 557.7 Work | |
| 11 * | Westlake LA | KCS | | 835 | 2 | | 835 | 2 | | 29 | 577.8 | |
| 12 * | Lake | KCS | | 840 | 2 | | 0 | 0 | 45 | | 580.2 Fuel Work | |

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| 23 M | ARME1 | 1 General Manifest | 7 | 0 | 0 | 20 | 20 | 20 | 0 | 0 |
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| Effecti ve | 12/10/9 6 | Expiration | ##### | Operat | Su | Mo | Tu | We | Th | Fr | Sa |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|---------------|----------|-----|------|-----|----|------|-----|------|-------|-------|---------------------|
| 1 * | Corinth MS | KCS | | 0 | 0 | | 800 | 0 | | 24 | 0 | Work Crew Insp |
| 2 * | Rienzi MS | KCS | | 830 | 0 | | 830 | 0 | | 24 | 12.2 | |
| 3 * | Booneville MS | KCS | | 850 | 0 | | 850 | 0 | | 25 | 20.3 | |
| 4 * | Saltillo MS | KCS | | 940 | 0 | | 1115 | 0 | 135 | 25 | 41.3 | |
| 5 * | Tupelo MS | KCS | | 1135 | 0 | | 1135 | 0 | | 29 | 49.8 | |
| 6 * | Glen MS | KCS | | 1150 | 0 | | 1150 | 0 | | 25 | 57 | |
| 7 * | West Point MS | KCS | | 1325 | 0 | | 1325 | 0 | | 24 | 95.9 | |
| 8 * | Tibbee MS | KCS | CST | 1340 | 0 | | 1340 | 0 | | 23 | 101.8 | |
| 9 * | Artesia MS | KCS | CST | 1400 | 0 | | 100 | 1 | 1100 | 26 | 109.6 | Fuel Work Crew Insp |
| 10 * | Macon MS | KCS | | 150 | 1 | | 250 | 1 | 100 | 23 | 131.1 | |
| 11 * | Shuqualak MS | KCS | | 315 | 1 | | 315 | 1 | | 34 | 140.6 | |
| 12 * | Wahalak MS | KCS | | 325 | 1 | | 325 | 1 | | 24 | 146.3 | |
| 13 * | Marion MS | KCS | | 510 | 1 | | 550 | 1 | 40 | 29 | 188.8 | Work |
| 14 * | Meridian MS | KCS | | 600 | 1 | | 0 | 0 | 100 | 29 | 193.6 | Work |

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| 24 M | BMKC1 | 1 General Manifest | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | Beaumont TX | KCS | | 0 | 0 | CST | 200 | 0 | 100 | 31 | 0 | Fuel Work Crew Insp |
| 2 * | Ludington LA | KCS | | 435 | 0 | | 520 | 0 | 45 | 32 | 79 | Work |
| 3 * | Leesville LA | KCS | | 555 | 0 | | 725 | 0 | 130 | 22 | 97.6 | Work |
| 4 * | Shreveport LA | KCS | | 1235 | 0 | | 1535 | 0 | 300 | 24 | 212.7 | Work Crew |
| 5 * | Heavener OK | KCS | | 35 | 1 | | 435 | 1 | 400 | 10 | 428 | Fuel Work Crew |
| 6 * | NEOSH-BN | KCS | | 2105 | 1 | | 2150 | 1 | 45 | 22 | 592.9 | Work |
| 7 * | Pittsburg KS | KCS | | 2355 | 1 | | 130 | 2 | 135 | 23 | 639.1 | Work Crew |
| 8 * | Kansas City MO | KCS | | 655 | 2 | | 0 | 0 | | | 764.1 | |

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| 25 M | DASH7 | 1 General Manifest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| Effective | 8/6/97 | Expiration | ##### | Operates: | | | | As Req'd | | | | | | |
| # | Location | Railroad | — Ariv — | | — Sta Dept — | | Time | Day | Time | Day | Time | Speed | Dist | — Yard Activity — |
| | | | TZ | Time | Day | TZ | | | | | | | | |
| 1 * | Zacha Jct. TX | KCS | | 0 | 0 | | 1300 | 0 | 45 | 15 | 0 | Fuel Work | | |
| 2 * | Garland TX | KCS | | 1315 | 0 | | 1315 | 0 | 22 | 3.8 | | Crew Insp | | |
| 3 * | Greenville TX | KCS | | 1500 | 0 | | 1520 | 0 | 20 | 25 | 43 | Crew | | |
| 4 * | Sulphur Springs TX | KCS | | 1635 | 0 | | 1650 | 0 | 15 | 26 | 74.3 | Work | | |
| 5 * | Hughes Springs TX | KCS | | 1920 | 0 | | 2010 | 0 | 50 | 25 | 138.3 | Work | | |
| 6 * | Jefferson TX | KCS | | 2115 | 0 | | 2115 | 0 | | 20 | 165.3 | | | |
| 7 * | Shreveport LA | KCS | | 2300 | 0 | | 0 | 0 | | | 200.6 | | | |
| 26 M | HOSH1 | 1 General Manifest | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Effective | | | Expiration | ##### | Operat Su Mo Tu We Th Fr Sa es: | | | | | | | | | |
| # | Location | Railroad | — Ariv — | | — Sta Dept — | | Time | Day | Time | Day | Time | Speed | Dist | — Yard Activity — |
| | | | TZ | Time | Day | TZ | | | | | | | | |
| 1 * | Houston TX | TM | | 0 | 0 | | 2100 | 0 | 100 | 4 | 0 | Fuel Work | | |
| 2 * | Settegast Jct. TX | TM | | 2300 | 0 | | 2300 | 0 | | 21 | 9 | Crew Insp | | |
| 3 * | BMONT-TM | TM | | 255 | 1 | | 255 | 1 | | | 90 | | | |
| 4 * | Beaumont TX | KCS | | 300 | 1 | | 400 | 1 | 100 | 23 | 90 | Crew | | |
| 5 * | Leesville LA | KCS | | 815 | 1 | | 815 | 1 | | 18 | 187.6 | | | |
| 6 * | Harriet Street LA | KCS | | 1435 | 1 | | 1435 | 1 | | 6 | 300.3 | | | |
| 7 * | Shreveport LA | KCS | | 1500 | 1 | | 0 | 0 | | | 302.7 | | | |
| 27 M | JASH1 | 1 General Manifest | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Effective | | | Expiration | ##### | Operat Su Mo Tu We Th Fr Sa es: | | | | | | | | | |
| # | Location | Railroad | — Ariv — | | — Sta Dept — | | Time | Day | Time | Day | Time | Speed | Dist | — Yard Activity — |
| | | | TZ | Time | Day | TZ | | | | | | | | |
| 1 * | Jackson Yard MS | KCS | | 0 | 0 | CST | 2300 | 0 | | 19 | 0 | Work | | |
| 2 * | Vicksburg MS | KCS | | 135 | 1 | | 335 | 1 | 200 | 23 | 50.1 | Work Crew | | |
| 3 * | Monroe LA | KCS | | 650 | 1 | | 850 | 1 | 200 | 20 | 124 | Work | | |
| 4 * | Shreveport | KCS | | 1400 | 1 | | 0 | 0 | 100 | | 227.3 | Fuel Work | | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | Kansas City MO | KCS | | 0 | 0 | | 1400 | 0 | | 20 | 0 | Fuel Work Crew Insp |
| 2 * | Pittsburg KS | KCS | | 2010 | 0 | | 2205 | 0 | 155 | 20 | 125 | Crew |
| 3 * | Heavener OK | KCS | | 830 | 1 | | 1120 | 1 | 250 | 20 | 336.2 | Work Crew |
| 4 * | Wade AR | KCS | | 1620 | 1 | | 1650 | 1 | 30 | 37 | 436.4 | Work |
| 5 * | Wilton AR | KCS | | 1730 | 1 | | 1800 | 1 | 30 | 26 | 461.2 | Work |
| 6 * | Shreveport LA | KCS | | 2130 | 1 | CST | 200 | 2 | 430 | 22 | 551.5 | Work Crew |
| 7 * | Leesville LA | KCS | | 710 | 2 | | 840 | 2 | 130 | 32 | 666.6 | Work |
| 8 * | DeQuincy LA | KCS | | 1015 | 2 | | 1115 | 2 | 100 | 30 | 717.2 | Work |
| 9 * | Beaumont TX | KCS | | 1250 | 2 | | 0 | 0 | | | 764.1 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|--------------------|----------|----|------|-----|----|------|-----|------|-------|-------|---------------------|
| 1 * | Kansas City MO | KCS | | 0 | 0 | | 700 | 0 | 100 | 23 | 0 | Fuel Work Crew Insp |
| 2 * | Oskaloosa MO | KCS | | 1150 | 0 | | 1150 | 0 | | 27 | 109.4 | Work |
| 3 * | Pittsburg KS | KCS | | 1225 | 0 | | 1915 | 0 | 650 | 21 | 125 | Work Crew |
| 4 * | Neosho MO | KCS | | 2130 | 0 | | 2130 | 0 | | 10 | 172.3 | |
| 5 * | McElhaney MO | KCS | | 2210 | 0 | | 2310 | 0 | 100 | 22 | 179 | Work |
| 6 * | Siloam Springs AR | KCS | | 125 | 1 | | 255 | 1 | 130 | 27 | 227.5 | |
| 7 * | Watts OK | KCS | | 310 | 1 | | 410 | 1 | 100 | 25 | 234.2 | Work |
| 8 * | Heavener OK | KCS | | 815 | 1 | | 1215 | 1 | 400 | 24 | 336.2 | Fuel Work Crew |
| 9 * | DeQueen AR | KCS | | 1610 | 1 | | 1710 | 1 | 100 | 28 | 431.1 | Work |
| 10 * | Ashdown AR | KCS | | 1830 | 1 | | 1830 | 1 | | 25 | 468.4 | |
| 11 * | Texarkana TX | KCS | | 1910 | 1 | | 1910 | 1 | | 25 | 485.1 | |
| 12 * | South Texarkana TX | KCS | | 1940 | 1 | | 2040 | 1 | 100 | 20 | 497.5 | |
| 13 * | Shreveport LA | KCS | | 2325 | 1 | | 0 | 0 | | | 551.5 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-----------------|----------|----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | Lake Charles LA | KCS | | 0 | 0 | CST | 1000 | 0 | 45 | 28 | 0 | Fuel Work Crew Insp |
| 2 * | Ludington LA | KCS | | 1155 | 0 | | 1240 | 0 | 45 | 28 | 54.5 | Work |
| 3 * | Leesville LA | KCS | | 1320 | 0 | | 1405 | 0 | 45 | 23 | 73.1 | Work |
| 4 * | Bossier Yard | KCS | | 1855 | 0 | | 1915 | 0 | 20 | 23 | 186.4 | Crew |
| 5 * | Monroe LA | KCS | | 2325 | 0 | | 125 | 1 | 200 | 23 | 281.7 | Work |
| 6 * | Vicksburg MS | KCS | | 440 | 1 | | 500 | 1 | 20 | 17 | 355.6 | Crew |
| 7 * | Jackson MS | KCS | | 735 | 1 | | 805 | 1 | 30 | 8 | 400.4 | |
| 8 * | Jackson Yard MS | KCS | | 845 | 1 | | 1045 | 1 | 200 | 29 | 405.7 | Work |
| 9 * | Meridian MS | KCS | | 1355 | 1 | | 1525 | 1 | 130 | 19 | 496.2 | Work Crew |
| 10 * | Artesia MS | KCS | | 1955 | 1 | | 0 | 0 | 100 | | 580.2 | Fuel Work Insp |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|---------------|----------|----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | Lataniere LA | KCS | | 0 | 0 | CST | 1700 | 0 | 45 | 15 | 0 | Fuel Work Crew Insp |
| 2 * | Elm Grove LA | KCS | | 35 | 1 | | 120 | 1 | 45 | 9 | 115.3 | |
| 3 * | Shreveport LA | KCS | | 400 | 1 | | 500 | 1 | 100 | 15 | 139.5 | Crew |
| 4 * | Leesville LA | KCS | | 1230 | 1 | | 1330 | 1 | 100 | 28 | 254.6 | Work |
| 5 * | Beaumont TX | KCS | | 1700 | 1 | | 0 | 0 | | | 352.2 | Work |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------|----------|-----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Meridian | KCS | CST | 0 | 0 | | 700 | 0 | 100 | 29 | 0 | Work |

| | MS | | | | | | | |
|------|-------------|-----|------|---|------|---|------|-----------------|
| 2 * | Marion MS | KCS | 710 | 0 | 710 | 0 | 23 | 4.8 Work |
| 3 * | Lauderdale | KCS | 745 | 0 | 745 | 0 | 27 | 18.1 |
| | MS | | | | | | | |
| 4 * | Sucarnoche | KCS | 820 | 0 | 820 | 0 | 24 | 33.7 |
| | e MS | | | | | | | |
| 5 * | Electric | KCS | 825 | 0 | 825 | 0 | 22 | 35.7 |
| | Mills MS | | | | | | | |
| 6 * | Scooba MS | KCS | 840 | 0 | 840 | 0 | 24 | 41.3 |
| 7 * | Wahalak | KCS | 855 | 0 | 855 | 0 | 23 | 47.3 |
| | MS | | | | | | | |
| 8 * | Shuqualak | KCS | 910 | 0 | 910 | 0 | 29 | 53 |
| | MS | | | | | | | |
| 9 * | Macon MS | KCS | 930 | 0 | 1030 | 0 | 100 | 23 62.5 Work |
| 10 * | Artesia MS | KCS | 1125 | 0 | 2225 | 0 | 1100 | 31 84 Fuel Work |
| | | | | | | | | Crew Insp |
| 11 * | Tibbee MS | KCS | 2240 | 0 | 2240 | 0 | 25 | 91.8 |
| 12 * | Tupelo MS | KCS | 45 | 1 | 45 | 1 | 25 | 143.8 |
| 13 * | Saltillo MS | KCS | 105 | 1 | 240 | 1 | 135 | 23 152.3 Work |
| 14 * | Booneville | KCS | 335 | 1 | 335 | 1 | 27 | 173.3 |
| | MS | | | | | | | |
| 15 * | Corinth MS | KCS | 420 | 1 | 0 | 0 | | 193.6 |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|------|-------------------|----------|----|------|-----|-----|------|-----|------|-------|-------|-----------------------|
| 1 * | Laredo TX | TM | | 0 | 0 | | 430 | 0 | 45 | 19 | 0 | Fuel Work Crew Insp |
| 2 * | Robstown TX | TM | | 1205 | 0 | | 1235 | 0 | 30 | 23 | 142.6 | Crew |
| 3 * | Victoria TX | TM | | 1645 | 0 | | 1730 | 0 | 45 | 18 | 238.2 | |
| 4 * | Flatonia TX | TM | | 2135 | 0 | | 2235 | 0 | 100 | 23 | 311.9 | |
| 5 * | Houston TX | TM | | 345 | 1 | | 405 | 1 | 20 | 16 | 429.4 | Crew |
| 6 * | Beaumont TX | KCS | | 950 | 1 | CST | 1035 | 1 | 45 | 31 | 519.4 | Fuel Work Crew Insp |
| 7 * | Ludington LA | KCS | | 1310 | 1 | | 1340 | 1 | 30 | 32 | 598.4 | Work |
| 8 * | Leesville LA | KCS | | 1415 | 1 | | 1540 | 1 | 125 | 23 | 617 | Work |
| 9 * | Harriet Street LA | KCS | | 2030 | 1 | | 2100 | 1 | 30 | 10 | 729.7 | |
| 10 * | Shreveport LA | KCS | | 2115 | 1 | | 0 | 0 | 100 | | 732.1 | Fuel Work Insp |

34 M 1 General Manifest 7 2 0 0 0 100 100 100

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
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| 1 * | New Orleans LA | KCS | | 0 | 0 | CST | 5 | 0 | 100 | 16 | 0 | Fuel Work Crew Insp |

| | | | | | | | | | | |
|------|-------------------|-----|------|---|------|---|-----|----|-------|-----------|
| 2 * | Baton Rouge LA | KCS | 500 | 0 | 545 | 0 | 45 | 21 | 76.3 | Work |
| 3 * | Latanier LA | KCS | 1015 | 0 | 1035 | 0 | 20 | 20 | 171.6 | Crew |
| 4 * | Elm Grove LA | KCS | 1615 | 0 | 1645 | 0 | 30 | 12 | 286.9 | |
| 5 * | Shreveport LA | KCS | 1845 | 0 | 1930 | 0 | 45 | 22 | 311.1 | Work Crew |
| 6 * | Hughes Springs TX | KCS | 2220 | 0 | 2335 | 0 | 115 | 25 | 373.4 | Work |
| 7 * | Greenville TX | KCS | 320 | 1 | 340 | 1 | 20 | 24 | 468.7 | Crew |
| 8 * | Lavon Jct. | KCS | 450 | 1 | 520 | 1 | 30 | 21 | 496.9 | Work |
| 9 * | Alliance TX | KCS | 850 | 1 | 850 | 1 | | | 571.4 | |
| 10 * | ALLIT-BNSF | KCS | 850 | 2 | 0 | 0 | | | 571.4 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|-----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | New Orleans LA | KCS | CST | 0 | 0 | CST | 930 | 0 | 100 | 17 | 0 | Fuel Work Crew Insp |
| 2 * | Barmen LA | KCS | | 1210 | 0 | | 1240 | 0 | 30 | 13 | 46.3 | Work |
| 3 * | Baton Rouge LA | KCS | | 1455 | 0 | | 1610 | 0 | 115 | 21 | 76.3 | Work Crew |
| 4 * | Latanier LA | KCS | | 2040 | 0 | | 245 | 1 | 605 | 9 | 171.6 | Work Crew |
| 5 * | Mallin LA | KCS | | 420 | 1 | | 540 | 1 | 120 | 24 | 185.8 | Work |
| 6 * | Kraft LA | KCS | | 810 | 1 | | 955 | 1 | 145 | 19 | 246.9 | Work |
| 7 * | Harriet Street LA | KCS | | 1310 | 1 | | 1410 | 1 | 100 | 7 | 308.7 | Work |
| 8 * | Shreveport LA | KCS | | 1430 | 1 | | 0 | 0 | 100 | | 311.1 | Fuel Work Insp |

36 M NSSH1 1 General Manifest 7 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|----|------|-----|----|------|-----|------|-------|-------|-------------------|
| 1 * | BHAM-NS | NS | | 0 | 0 | | 1900 | 0 | | 27 | 0 | |
| 2 * | MERID-NS | NS | | 55 | 1 | | 55 | 1 | | 12 | 159.9 | |
| 3 * | Meridian MS | KCS | | 100 | 1 | | 120 | 1 | 20 | 29 | 160.9 | Work Crew |
| 4 * | Jackson Yard MS | KCS | | 430 | 1 | | 700 | 1 | 230 | 17 | 251.4 | Work |
| 5 * | Vicksburg MS | KCS | | 955 | 1 | | 1055 | 1 | 100 | 25 | 301.5 | Work Crew |
| 6 * | Monroe LA | KCS | | 1350 | 1 | | 1550 | 1 | 200 | 23 | 375.4 | Work |
| 7 * | Bossier Yard | KCS | | 2000 | 1 | | 2000 | 1 | | 8 | 470.7 | |
| 8 * | Harriet Street LA | KCS | | 2040 | 1 | | 2140 | 1 | 100 | 7 | 476.3 | Work |

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| 9 * | Shreveport LA | KCS | 2200 | 1 | 0 | 0 | 100 | 478.7 | Fuel Work Insp |
|-----|---------------|-----|------|---|---|---|-----|-------|----------------|

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| 37 M | PALT1 | 1 General Manifest | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|------------------|----------|----|------|-----|-----|------|-----|------|-------|-------|-------------------|
| 1 * | Port Arthur TX | KCS | | 0 | 0 | CST | 1500 | 0 | | 40 | 0 | |
| 2 * | Beaumont TX | KCS | | 1530 | 0 | | 1600 | 0 | 30 | 42 | 20.1 | Work |
| 3 * | Benson LA | KCS | | 1950 | 0 | | 2050 | 0 | 100 | 40 | 181.6 | Work |
| 4 * | Leesville LA | KCS | | 2225 | 0 | | 2325 | 0 | 100 | 32 | 245.5 | Work |
| 5 * | Shreveport LA | KCS | | 300 | 1 | | 400 | 1 | 100 | 13 | 360.6 | Crew |
| 6 * | Grappes Bluff LA | KCS | | 850 | 1 | | 935 | 1 | 45 | 20 | 423.1 | Work |
| 7 * | Kraft LA | KCS | | 940 | 1 | | 940 | 1 | | 18 | 424.8 | |
| 8 * | Mallin LA | KCS | | 1300 | 1 | | 1345 | 1 | 45 | 6 | 485.9 | Work |
| 9 * | Latanier LA | KCS | | 1600 | 1 | | 0 | 0 | | | 500.1 | |

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| 38 M | SHHO1 | 1 General Manifest | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | Shreveport LA | KCS | | 0 | 0 | CST | 2300 | 0 | | 6 | 0 | Fuel Work Crew Insp |
| 2 * | Harriet Street LA | KCS | | 2325 | 0 | | 2325 | 0 | | 16 | 2.4 | |
| 3 * | Leesville LA | KCS | | 625 | 1 | | 625 | 1 | | 21 | 115.1 | Work |
| 4 * | Beaumont TX | TM | | 1100 | 1 | | 1100 | 1 | | | 212.7 | Work Crew |
| 5 * | BMONT-TM | TM | | 1105 | 1 | | 1201 | 1 | 56 | 20 | 212.7 | |
| 6 * | Settegast Jct. TX | TM | | 1600 | 1 | | 1600 | 1 | | 4 | 293.7 | |
| 7 * | Houston TX | TM | | 1800 | 1 | | 0 | 0 | | | 302.7 | Crew |

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| 39 M | SHJA1 | 1 General Manifest | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
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| 1 * | Shreveport LA | KCS | 0 | 0 CST | 700 | 0 | 100 | 8 | 0 Fuel Work Crew Insp |
| 2 * | Bossier Yard | KCS | 800 | 0 | 800 | 0 | | 23 | 8 |
| 3 * | Monroe LA | KCS | 1210 | 0 | 1410 | 0 | 200 | 23 | 103.3 Work |
| 4 * | Vicksburg MS | KCS | 1725 | 0 | 1925 | 0 | 200 | 19 | 177.2 Work Crew |
| 5 * | Jackson MS | KCS | 2145 | 0 | 2150 | 0 | 5 | 32 | 222 Work |
| 6 * | Jackson Yard MS | KCS | 2200 | 0 | 0 | 0 | | | 227.3 |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
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| 1 * | Shreveport LA | KCS | 0 | 0 CST | | 100 | 0 | 100 | | 22 | 0 Fuel Work Crew Insp | |
| 2 * | Texarkana TX | KCS | 405 | 0 | | 505 | 0 | 100 | | 25 | 66.4 Work | |
| 3 * | DeQueen AR | KCS | 715 | 0 | | 905 | 0 | 150 | | 24 | 120.4 Work | |
| 4 * | Heavener OK | KCS | 1300 | 0 | | 2100 | 0 | 800 | | 25 | 215.3 Fuel Work Crew | |
| 5 * | Watts OK | KCS | 105 | 1 | | 105 | 1 | | | 27 | 317.3 | |
| 6 * | Siloam Springs AR | KCS | 120 | 1 | | 220 | 1 | 100 | | 23 | 324 Work | |
| 7 * | Pittsburg KS | KCS | 645 | 1 | | 845 | 1 | 200 | | 16 | 426.5 Work Crew | |
| 8 * | Kansas City MO | KCS | 1630 | 1 | | 0 | 0 | | | | 551.5 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-------------------|----------|------|-------|-----|------|------|-----|------|-------|---------------------------|-------------------|
| 1 * | Shreveport LA | KCS | 0 | 0 CST | | 2330 | 0 | 100 | | 10 | 0 Fuel Work Crew Insp | |
| 2 * | Harriet Street LA | KCS | 2345 | 0 | | 55 | 1 | 110 | | 26 | 2.4 Work | |
| 3 * | Leesville LA | KCS | 520 | 1 | | 650 | 1 | 130 | | 34 | 115.1 Work | |
| 4 * | DeQuincy LA | KCS | 820 | 1 | | 905 | 1 | 45 | | 33 | 165.7 Work | |
| 5 * | Beaumont TX | TM | 1030 | 1 | | 1115 | 1 | 45 | | 16 | 212.7 Fuel Work Crew Insp | |
| 6 * | Houston TX | TM | 1700 | 1 | | 1720 | 1 | 20 | | 23 | 302.7 Crew | |
| 7 * | Flatonia TX | TM | 2225 | 1 | | 2325 | 1 | 100 | | 18 | 420.2 | |
| 8 * | Victoria TX | TM | 330 | 2 | | 415 | 2 | 45 | | 23 | 493.9 | |
| 9 * | Robstown TX | TM | 825 | 2 | | 855 | 2 | 30 | | 19 | 589.5 Crew | |
| 10 * | Laredo TX | TM | 1630 | 2 | | 0 | 0 | 100 | | | 732.1 Fuel Work Insp | |

| 42 M | SHNO1 | 1 General Manifest | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Shreveport LA | KCS | | 0 | 0 | | 1500 | 0 | 200 | 18 | 0 | Fuel Work Crew Insp |
| 2 * | Grappes Bluff LA | KCS | | 1830 | 0 | | 1930 | 0 | 100 | 18 | 62.5 | Work |
| 3 * | Latanier LA | KCS | | 2340 | 0 | | 140 | 1 | 200 | 21 | 139.5 | Work Crew |
| 4 * | Baton Rouge LA | KCS | | 610 | 1 | | 840 | 1 | 230 | 13 | 234.8 | Work Crew |
| 5 * | Barmen LA | KCS | | 1055 | 1 | | 1155 | 1 | 100 | 25 | 264.8 | Work |
| 6 * | Reserve LA | KCS | | 1235 | 1 | | 1305 | 1 | 30 | 16 | 281.8 | Work |
| 7 * | NEWOR-CSXT | KCS | | 1450 | 1 | | 1450 | 1 | | 11 | 310.3 | Work |
| 8 * | New Orleans LA | KCS | | 1505 | 1 | | 0 | 0 | | | | 313.1 |
| 43 M | SHNO7 | 1 General Manifest | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Shreveport LA | KCS | | 0 | 0 | | 200 | 0 | 200 | 18 | 0 | Fuel Work Crew Insp |
| 2 * | Grappes Bluff LA | KCS | | 530 | 0 | | 630 | 0 | 100 | 18 | 62.5 | Work |
| 3 * | Latanier LA | KCS | | 1040 | 0 | | 1240 | 0 | 200 | 21 | 139.5 | Work Crew |
| 4 * | Baton Rouge LA | KCS | | 1710 | 0 | | 1905 | 0 | 155 | 16 | 234.8 | Work Crew |
| 5 * | Reserve LA | KCS | | 2200 | 0 | | 2300 | 0 | 100 | 15 | 281.8 | Work |
| 6 * | New Orleans LA | KCS | | 100 | 1 | | 0 | 0 | | | | 311.1 |
| 44 M | SHNS1 | 1 General Manifest | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Shreveport LA | KCS | | 0 | 0 | CST | 1530 | 0 | 100 | 7 | 0 | Fuel Work Crew Insp |
| 2 * | Harriet | KCS | | 1550 | 0 | | 1550 | 0 | | 8 | 2.4 | |

| | | | | | | | | | | |
|------|------------------------------|-----|------|---|------|---|-----|----|-------|-----------|
| 3 * | Street LA Bossier Yard | KCS | 1630 | 0 | 1700 | 0 | 30 | 19 | 8 | Work |
| 4 * | Monroe LA | KCS | 2200 | 0 | 2315 | 0 | 115 | 21 | 103.3 | Work |
| 5 * | Vicksburg | KCS | 250 | 1 | 350 | 1 | 100 | 14 | 177.2 | Work Crew |
| 6 * | Jackson Yard MS | KCS | 730 | 1 | 930 | 1 | 200 | 24 | 227.3 | Work |
| 7 * | Meridian MS | NS | 1320 | 1 | 1420 | 1 | 100 | 12 | 317.8 | Work |
| 8 * | MERID-NS | NS | 1425 | 1 | 1425 | 1 | | 25 | 318.8 | Crew |
| 9 * | TSCSA-NS | NS | 1815 | 1 | 1815 | 1 | | 20 | 414.7 | |
| 10 * | BHAM-NS | NS | 2125 | 1 | 0 | 0 | | | 478.7 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-----------------|----------|----|------|-----|-----|------|-----|------|-------|-------|---------------------|
| 1 * | Alliance TX | KCS | | 0 | 0 | | 1200 | 1 | | 22 | 0 | Crew |
| 2 * | Greenville TX | KCS | | 1635 | 1 | | 1705 | 1 | 30 | 24 | 102.7 | Crew |
| 3 * | Shreveport LA | KCS | | 2345 | 1 | CST | 45 | 2 | 100 | 21 | 260.3 | Fuel Work Crew Insp |
| 4 * | Vicksburg MS | KCS | | 910 | 2 | | 940 | 2 | 30 | 15 | 437.5 | Crew |
| 5 * | Jackson Yard MS | KCS | | 1255 | 2 | | 1325 | 2 | 30 | 29 | 487.6 | Crew |
| 6 * | Meridian MS | NS | | 1635 | 2 | | 1705 | 2 | 30 | 12 | 578.1 | Crew |
| 7 * | MERID-NS | NS | | 1710 | 2 | | 1710 | 2 | | 27 | 579.1 | |
| 8 * | BHAM-NS | NS | | 2300 | 2 | | 0 | 0 | | | 739 | |

46 R 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|---------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Aberdeen MS | KCS | | 0 | 0 | | 300 | 0 | 100 | 22 | 0 | Work Crew Insp |
| 2 * | Binford MS | KCS | | 315 | 0 | | 330 | 0 | 15 | 18 | 5.5 | |
| 3 * | Strong MS | KCS | | 345 | 0 | | 400 | 0 | 15 | 16 | 10 | |
| 4 * | Prairie MS | KCS | | 505 | 0 | | 520 | 0 | 15 | 15 | 27.6 | |
| 5 * | Muldon MS | KCS | | 530 | 0 | | 545 | 0 | 15 | 14 | 30.1 | |
| 6 * | West Point MS | KCS | | 620 | 0 | | 650 | 0 | 30 | 12 | 38.5 | Work |
| 7 * | WSPOI-CAGY | KCS | | 655 | 0 | | 655 | 0 | | 8 | 39.5 | Work |
| 8 * | Tibbee MS | KCS | | 730 | 0 | | 745 | 0 | 15 | 8 | 44.4 | |
| 9 * | Mayhew MS | KCS | | 805 | 0 | | 835 | 0 | 30 | 8 | 47.2 | |
| 10 * | Artesia MS | KCS | | 915 | 0 | | 0 | 0 | 100 | | 52.2 | Work |

| 47 R | | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------|---------------|-----------------------|--------------|------------|-----|----|------|-----|--------|------------|
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed | Dist |
| | | | | | | | | | — Yard | Activity — |
| 1 * | Artesia MS | KCS | | 0 | 0 | | 2000 | 0 | 100 | 9 |
| 2 * | Mayhew MS | KCS | | 2035 | 0 | | 2035 | 0 | | 7 |
| 3 * | Tibbee MS | KCS | | 2100 | 0 | | 2100 | 0 | | 8 |
| 4 * | WSPOI-CAGY | KCS | | 2135 | 0 | | 2135 | 0 | | 12 |
| 5 * | West Point MS | KCS | | 2140 | 0 | | 2140 | 0 | | 13.7 |
| 6 * | Muldon MS | KCS | | 2210 | 0 | | 2210 | 0 | | 15 |
| 7 * | Prairie MS | KCS | | 2220 | 0 | | 2220 | 0 | | 16 |
| 8 * | Strongs MS | KCS | | 2325 | 0 | | 2325 | 0 | | 18 |
| 9 * | Binford MS | KCS | | 2340 | 0 | | 2340 | 0 | | 17 |
| 10 * | Aberdeen MS | KCS | | 0 | 1 | | 0 | 0 | | 52.2 |
| 48 R | | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 1/24/97 | Expira tion | ##### | Operat es: | Mo | Tu | We | Th | Fr | Sa |
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| | | | | Dept | — | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed | Dist |
| | | | | | | | | | — Yard | Activity — |
| 1 * | Ashdown AR | KCS | | 0 | 0 | | 800 | 0 | 45 | 6 |
| 2 * | ASHDN-KRR | KCS | | 810 | 0 | | 910 | 0 | 100 | 4 |
| 3 * | Ashdown AR | KCS | | 925 | 0 | | 0 | 0 | | 2 |
| 49 R | | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 3/ 7/97 | Expira tion | ##### | Operat es: | Su | Mo | Tu | We | Th | Fr |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed | Dist |
| | | | | | | | | | — Yard | Activity — |
| 1 * | Artesia MS | KCS | | 0 | 0 | | 1000 | 0 | 100 | 9 |
| 2 * | CLMBM-BN | KCS | | 1145 | 0 | | 1215 | 0 | 30 | 12 |
| 3 * | CLMBM-CAGY | KCS | | 1225 | 0 | | 1255 | 0 | 30 | 24 |
| 4 * | CLMBM-GTRA | KCS | | 1300 | 0 | | 1330 | 0 | 30 | 8 |
| 5 * | CLMBM-NS | KCS | | 1345 | 0 | | 1415 | 0 | 30 | 6 |

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|-----|-------------|-----|------|---|---|---|----|
| 6 * | Columbus MS | KCS | 1425 | 0 | 0 | 0 | 22 |
|-----|-------------|-----|------|---|---|---|----|

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| 50 R AR101 | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 |
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| Effecti ve | 3/ 7/97 | Expiration | ##### | Operat | Su | Mo | Tu | We | Th | Fr |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|------------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Columbus MS | KCS | | 0 | 0 | | 1500 | 0 | | 8 | 0 | |
| 2 * | McIntyre Hill MS | KCS | | 1540 | 0 | | 1540 | 0 | | 10 | 5.1 | |
| 3 * | Bentak MS | KCS | | 1555 | 0 | | 1555 | 0 | | 8 | 7.7 | |
| 4 * | Billips MS | KCS | | 1635 | 0 | | 1635 | 0 | | 8 | 12.7 | |
| 5 * | Artesia MS | KCS | | 1645 | 0 | | 0 | 0 | | | 14 | |

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| 51 R AR102 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|------------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Artesia MS | KCS | | 0 | 0 | | 1200 | 0 | | 25 | 0 | Fuel Work Crew Insp |
| 2 * | Bentak MS | KCS | | 1215 | 0 | | 1215 | 0 | | 31 | 6.3 | |
| 3 * | McIntyre Hill MS | KCS | | 1220 | 0 | | 1220 | 0 | | 20 | 8.9 | |
| 4 * | Columbus MS | KCS | | 1235 | 0 | | 1235 | 0 | | 26 | 14 | |
| 5 * | McCrary MS | KCS | | 1255 | 0 | | 1255 | 0 | | 24 | 22.7 | |
| 6 * | Reform AL | KCS | | 1345 | 0 | | 1345 | 0 | | 23 | 42.9 | |
| 7 * | Gordo AL | KCS | | 1405 | 0 | | 1405 | 0 | | 26 | 50.7 | |
| 8 * | Colony AL | KCS | | 1445 | 0 | | 1445 | 0 | | 26 | 68 | |
| 9 * | North Port AL | KCS | | 1455 | 0 | | 1455 | 0 | | 20 | 72.4 | |
| 10 * | Tuscaloosa AL | KCS | | 1500 | 0 | | 0 | 0 | | | 74.1 | |

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| 52 R AR102 | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| Effecti ve | 3/ 7/97 | Expiration | ##### | Operat | Su | Mo | Tu | We | Fr | Sa |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
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| 1 * | Tuscaloosa AL | KCS | | 0 | 0 | | 1800 | 0 | | 20 | 0 | |

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|------|------------------|-----|------|---|------|---|----|------|
| 2 * | North Port | KCS | 1805 | 0 | 1805 | 0 | 18 | 1.7 |
| | AL | | | | | | | |
| 3 * | Colony AL | KCS | 1820 | 0 | 1820 | 0 | 19 | 6.1 |
| 4 * | Gordo AL | KCS | 1915 | 0 | 1915 | 0 | 19 | 23.4 |
| 5 * | Reform AL | KCS | 1940 | 0 | 1940 | 0 | 20 | 31.2 |
| 6 * | McCrary MS | KCS | 2040 | 0 | 2040 | 0 | 17 | 51.4 |
| 7 * | Columbus MS | KCS | 2110 | 0 | 2110 | 0 | 20 | 60.1 |
| 8 * | McIntyre Hill MS | KCS | 2125 | 0 | 2125 | 0 | 16 | 65.2 |
| 9 * | Bentonia MS | KCS | 2135 | 0 | 2135 | 0 | 19 | 67.8 |
| 10 * | Artesia MS | KCS | 2155 | 0 | 0 | 0 | | 74.1 |

53 R 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
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| 1 * | Artesia MS | KCS | | 0 | 0 | | 100 | 0 | | 20 | 0 | Fuel Work Crew Insp |
| 2 * | Crawford MS | KCS | | 125 | 0 | | 125 | 0 | | 19 | 8.2 | |
| 3 * | Brooksville MS | KCS | | 140 | 0 | | 140 | 0 | | 17 | 12.9 | |
| 4 * | Macon MS | KCS | | 210 | 0 | | 210 | 0 | | 19 | 21.5 | |
| 5 * | Shuqualak MS | KCS | | 240 | 0 | | 240 | 0 | | 23 | 31 | |
| 6 * | Wahalak MS | KCS | | 255 | 0 | | 255 | 0 | | 18 | 36.7 | |
| 7 * | Scooba MS | KCS | | 315 | 0 | | 315 | 0 | | 17 | 42.7 | |
| 8 * | Electric Mills MS | KCS | | 335 | 0 | | 335 | 0 | | 24 | 48.3 | |
| 9 * | Sucarnoche e MS | KCS | | 340 | 0 | | 340 | 0 | | 17 | 50.3 | |
| 10 * | Porterville MS | KCS | | 350 | 0 | | 0 | 0 | | | 53.2 | |

54 R 2 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Porterville MS | KCS | | 0 | 0 | | 2000 | 0 | | 17 | 0 | |
| 2 * | Sucarnoche e MS | KCS | | 2010 | 0 | | 2010 | 0 | | 24 | 2.9 | |
| 3 * | Electric Mills MS | KCS | | 2015 | 0 | | 2015 | 0 | | 17 | 4.9 | |
| 4 * | Scooba MS | KCS | | 2035 | 0 | | 2035 | 0 | | 24 | 10.5 | |
| 5 * | Wahalak MS | KCS | | 2050 | 0 | | 2050 | 0 | | 17 | 16.5 | |
| 6 * | Shuqualak | KCS | | 2110 | 0 | | 2110 | 0 | | 19 | 22.2 | |

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| | | MS | | | | | | | | | |
| 7 * | Macon MS | KCS | 2140 | 0 | 2140 | 0 | | 21 | 31.7 | | |
| 8 * | Brooksville | KCS | 2205 | 0 | 2205 | 0 | | 19 | 40.3 | | |
| | MS | | | | | | | | | | |
| 9 * | Crawford | KCS | 2220 | 0 | 2220 | 0 | | 8 | 45 | | |
| | MS | | | | | | | | | | |
| 10 * | Artesia MS | KCS | 2325 | 0 | 0 | 0 | 100 | | 53.2 Work | | |

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|-------|--|-----------------|---|---|---|---|---|---|---|---|--|
| 55 R | | 1 Local,Dodgers | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AR202 | | ,Turn | | | | | | | | | |

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ve tion es:

| # | Location | Railroad | | TZ | Time | — Ariv — | | — Sta — | | Speed | Dist | — Yard Activity — |
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| | | Day | TZ | | | Dept | Day | Time | | | | |
| 1 * | Artesia MS | KCS | | 0 | 0 | 1700 | 0 | | 8 | 0 | Fuel Work | |
| | | | | | | | | | | | Crew Insp | |
| 2 * | Mayhew MS | KCS | | 1737 | 0 | 1737 | 0 | | 8 | 5 | | |
| 3 * | Tibbee MS | KCS | | 1758 | 0 | 1758 | 0 | | 8 | 7.8 | | |
| 4 * | West Point | KCS | MS | 1842 | 0 | 1842 | 0 | | 15 | 13.7 | | |
| 5 * | Muldon MS | KCS | | 1916 | 0 | 1916 | 0 | | 17 | 22.1 | | |
| 6 * | Prairie MS | KCS | | 1925 | 0 | 1925 | 0 | | 15 | 24.6 | | |
| 7 * | Egypt MS | KCS | | 2005 | 0 | 2005 | 0 | | 14 | 34.8 | | |
| 8 * | Okolona MS | KCS | | 2037 | 0 | 2037 | 0 | | 14 | 42.2 | | |
| 9 * | Chickasaw | KCS | MS | 2057 | 0 | 2057 | 0 | | 13 | 46.9 | | |
| 10 * | Shannon | KCS | MS | 2110 | 0 | 2140 | 0 | 30 | 15 | 49.8 Work | | |
| 11 * | Glen MS | KCS | | 2151 | 0 | 2151 | 0 | | 15 | 52.6 | | |
| 12 * | Verona MS | KCS | | 2204 | 0 | 2204 | 0 | | 15 | 55.8 | | |
| 13 * | Tupelo MS | KCS | | 2220 | 0 | 2220 | 0 | | 17 | 59.8 | | |
| 14 * | Saltillo MS | KCS | | 2250 | 0 | 0 | 0 | | | 68.3 | | |

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|-------|--|-----------------|---|---|---|---|---|---|---|---|--|
| 56 R | | 2 Local,Dodgers | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AR202 | | ,Turn | | | | | | | | | |

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| # | Location | Railroad | | TZ | Time | — Ariv — | | — Sta — | | Speed | Dist | — Yard Activity — |
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| | | Day | TZ | | | Dept | Day | Time | | | | |
| 1 * | Saltillo MS | KCS | | 0 | 0 | 2300 | 0 | | 17 | 0 | | |
| 2 * | Tupelo MS | KCS | | 2330 | 0 | 2330 | 0 | | 24 | 8.5 | | |
| 3 * | Verona MS | KCS | | 2340 | 0 | 2340 | 0 | | 19 | 12.5 | | |
| 4 * | Glen MS | KCS | | 2350 | 0 | 2350 | 0 | | 17 | 15.7 | | |
| 5 * | Shannon | KCS | MS | 0 | 1 | 0 | 1 | | 17 | 18.5 | | |
| 6 * | Chickasaw | KCS | MS | 10 | 1 | 10 | 1 | | 19 | 21.4 | | |
| 7 * | Okolona MS | KCS | | 25 | 1 | 25 | 1 | | 18 | 26.1 | | |
| 8 * | Egypt MS | KCS | | 50 | 1 | 50 | 1 | | 17 | 33.5 | | |
| 9 * | Prairie MS | KCS | | 125 | 1 | 125 | 1 | | 15 | 43.7 | | |
| 10 * | Muldon MS | KCS | | 135 | 1 | 135 | 1 | | 20 | 46.2 | | |
| 11 * | West Point | KCS | MS | 200 | 1 | 200 | 1 | | 10 | 54.6 | | |
| 12 * | Tibbee MS | KCS | | 235 | 1 | 235 | 1 | | 8 | 60.5 | | |

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|------|------------|-----|-----|---|-----|---|----|------|
| 13 * | Mayhew MS | KCS | 255 | 1 | 255 | 1 | 10 | 63.3 |
| 14 * | Artesia MS | KCS | 325 | 1 | 0 | 0 | 0 | 68.3 |

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| 57 R | 1 Local,Dodgers ,Turn | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
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| 1 * | Artesia MS | KCS | | 0 | 0 | | 2300 | 0 | | | 0 | |
|-----|------------|-----|--|---|---|--|------|---|--|--|---|--|

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|-------|-----------------------|---|---|---|---|---|---|---|---|---|---|
| 58 R | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
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|-----|---------------|-----|--|---|---|--|------|---|--|----|---|--|
| 1 * | Shreveport LA | KCS | | 0 | 0 | | 1400 | 0 | | 10 | 0 | |
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|-----|------------|-----|--|------|---|--|------|---|--|----|------|--|
| 2 * | Fosters LA | KCS | | 1510 | 0 | | 1510 | 0 | | 19 | 11.4 | |
|-----|------------|-----|--|------|---|--|------|---|--|----|------|--|

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| 3 * | Haughton LA | KCS | | 1540 | 0 | | 1540 | 0 | | 18 | 21.1 | |
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| 4 * | Sibley LA | KCS | | 1620 | 0 | | 1620 | 0 | | 19 | 33.4 | |
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| 5 * | Ada LA | KCS | | 1650 | 0 | | 1650 | 0 | | 8 | 42.8 | |
|-----|--------|-----|--|------|---|--|------|---|--|---|------|--|

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| 6 * | Gibbsland LA | KCS | | 1725 | 0 | | 1725 | 0 | | 19 | 47.6 | |
|-----|--------------|-----|--|------|---|--|------|---|--|----|------|--|

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| 7 * | Arcadia LA | KCS | | 1750 | 0 | | 1750 | 0 | | 19 | 55.5 | |
|-----|------------|-----|--|------|---|--|------|---|--|----|------|--|

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|-----|-------------|-----|--|------|---|--|------|---|--|----|------|--|
| 8 * | Simsboro LA | KCS | | 1815 | 0 | | 1815 | 0 | | 30 | 63.3 | |
|-----|-------------|-----|--|------|---|--|------|---|--|----|------|--|

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| 9 * | Pabco LA | KCS | | 1820 | 0 | | 1820 | 0 | | 19 | 65.8 | |
|-----|----------|-----|--|------|---|--|------|---|--|----|------|--|

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| 10 * | Ruston LA | KCS | | 1840 | 0 | | 1840 | 0 | | 18 | 72 | |
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| 11 * | Choudrant LA | KCS | | 1905 | 0 | | 1905 | 0 | | 18 | 79.4 | |
|------|--------------|-----|--|------|---|--|------|---|--|----|------|--|

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| 12 * | Monroe LA | KCS | | 2025 | 0 | | 0 | 0 | | | 103.3 | |
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|-------|-----------------------|---|---|---|---|---|---|---|---|---|---|
| 59 R | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
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| 1 * | Monroe LA | KCS | | 0 | 0 | | 700 | 0 | | 18 | 0 | |
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|-----|--------------|-----|--|-----|---|--|-----|---|--|----|------|--|
| 2 * | Choudrant LA | KCS | | 820 | 0 | | 820 | 0 | | 22 | 23.9 | |
|-----|--------------|-----|--|-----|---|--|-----|---|--|----|------|--|

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| 3 * | Ruston LA | KCS | | 840 | 0 | | 840 | 0 | | 19 | 31.3 | |
|-----|-----------|-----|--|-----|---|--|-----|---|--|----|------|--|

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|-----|----------|-----|--|-----|---|--|-----|---|--|----|------|--|
| 4 * | Pabco LA | KCS | | 900 | 0 | | 900 | 0 | | 15 | 37.5 | |
|-----|----------|-----|--|-----|---|--|-----|---|--|----|------|--|

| | | | | | | | | | | | | |
|-----|-------------|-----|--|-----|---|--|-----|---|--|----|----|--|
| 5 * | Simsboro LA | KCS | | 910 | 0 | | 910 | 0 | | 19 | 40 | |
|-----|-------------|-----|--|-----|---|--|-----|---|--|----|----|--|

| | | | | | | | | |
|------|---------------|-----|------|---|------|---|----|-------|
| 6 * | Arcadia LA | KCS | 935 | 0 | 935 | 0 | 19 | 47.8 |
| 7 * | Gibsländ LA | KCS | 1000 | 0 | 1000 | 0 | 10 | 55.7 |
| 8 * | Ada LA | KCS | 1030 | 0 | 1030 | 0 | 19 | 60.5 |
| 9 * | Sibley LA | KCS | 1100 | 0 | 1100 | 0 | 18 | 69.9 |
| 10 * | Haughton LA | KCS | 1140 | 0 | 1140 | 0 | 19 | 82.2 |
| 11 * | Fosters LA | KCS | 1210 | 0 | 1210 | 0 | 9 | 91.9 |
| 12 * | Shreveport LA | KCS | 1325 | 0 | 0 | 0 | | 103.3 |

60 R CO203 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti ve 2/12/97 Expira tion ##### Operat Mo Tu We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-----------------|----------|----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Corinth MS | KCS | | 0 | 0 | | 355 | 0 | 100 | | | 0 Fuel Work Crew Insp |
| 2 * | CRNTH-RRC | KCS | | 355 | 1 | | 355 | 1 | | | | 1 |
| 3 * | Corinth MS | KCS | | 355 | 2 | | 355 | 2 | | 11 | 2 | |
| 4 * | Five Point MS | KCS | | 405 | 2 | | 405 | 2 | | 20 | 3.8 | |
| 5 * | Sharp MS | KCS | | 425 | 2 | | 425 | 2 | | 20 | 10.6 | |
| 6 * | Yellow Creek MS | KCS | | 455 | 2 | | 455 | 2 | | 18 | 20.6 | |
| 7 * | Preston TN | KCS | | 545 | 2 | | 545 | 2 | | 13 | 35.8 | |
| 8 * | Counce TN | KCS | | 550 | 2 | | 0 | 0 | | | 36.9 | |

61 R CO203 2 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti ve 2/12/97 Expira tion ##### Operat Mo Tu We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Counce TN | KCS | | 0 | 0 | | 100 | 0 | | 13 | 0 | |
| 2 * | Preston TN | KCS | | 105 | 0 | | 105 | 0 | | 20 | 1.1 | |
| 3 * | Yellow Creek MS | KCS | | 150 | 0 | | 150 | 0 | | 17 | 16.3 | |
| 4 * | Sharp MS | KCS | | 225 | 0 | | 225 | 0 | | 20 | 26.3 | |
| 5 * | Five Point MS | KCS | | 245 | 0 | | 245 | 0 | | 11 | 33.1 | |
| 6 * | Corinth MS | KCS | | 255 | 0 | | 0 | 0 | | | 34.9 | |

62 R DA101 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

Effecti ve 11/29/97 6 Expira tion ##### Operat Su We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------------|---------------|-----------------------|----------|------|--------------|-------------------|------|-----|------|-------|------|-----------------------|
| 1 * | Dallas TX | KCS | | 0 | 0 | CST | 800 | 0 | 100 | | | 0 Fuel Work Crew Insp |
| 2 * | DALAS-RAMP | KCS | | 800 | 1 | | 1200 | 1 | 400 | | | 0.1 Work |
| 3 * | Dallas TX | KCS | | 1200 | 2 | | 0 | 0 | 300 | | | 0.2 Work |
| 63 R | DA102 | 1 Local,Dodgers ,Turn | | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 11/29/96 | Expira tion | ##### | | Operat es: | Su Mo Tu We Th Fr | | | | | | |
| | | | — Ariv — | | — Sta Dept — | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Dallas TX | KCS | | 0 | 0 | CST | 1000 | 0 | 100 | 9 | | 0 Fuel Work Crew Insp |
| 2 * | Zacha Jct. TX | KCS | | 1105 | 0 | | 1105 | 0 | | 4 | 9.4 | |
| 3 * | Plano TX | KCS | | 1350 | 0 | | 1350 | 0 | | | 21.5 | |
| 4 * | Cowley TX | KCS | | 1350 | 1 | | 1350 | 1 | | | 17 | 22.1 |
| 5 * | Metro TX | KCS | | 1600 | 1 | | 1600 | 1 | | | 17 | 58 |
| 6 * | Cowley TX | KCS | | 1805 | 1 | | 1805 | 1 | | | | 93.9 |
| 7 * | Plano TX | KCS | | 1805 | 2 | | 1805 | 2 | | | 4 | 94.5 |
| 8 * | Zacha Jct. TX | KCS | | 2055 | 2 | | 2055 | 2 | | | 9 | 106.6 |
| 9 * | Dallas TX | KCS | | 2200 | 2 | | 0 | 0 | | | | 116 |
| 64 R | DA201 | 1 Local,Dodgers ,Turn | | 5 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 11/29/96 | Expira tion | ##### | | Operat es: | Su Mo Tu We Th | | | | | | |
| | | | — Ariv — | | — Sta Dept — | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Dallas TX | KCS | | 0 | 0 | CST | 1600 | 0 | 100 | 10 | | 0 Fuel Work Crew Insp |
| 2 * | Zacha Jct. TX | KCS | | 1655 | 0 | | 1655 | 0 | | 18 | 9.4 | |
| 3 * | Lavon Jct. | KCS | | 1745 | 0 | | 1745 | 0 | | | 18 | 24.2 |
| 4 * | Zacha Jct. TX | KCS | | 1835 | 0 | | 1835 | 0 | | | 9 | 39 |
| 5 * | Dallas TX | KCS | | 1935 | 0 | | 1935 | 0 | | | | 48.4 |
| 6 * | DALAS-RAMP | KCS | | 1935 | 1 | | 1935 | 1 | | | | 48.5 Work |
| 7 * | Dallas TX | KCS | | 1935 | 2 | | 0 | 0 | | | | 48.6 |
| 65 R | DA202 | 1 Local,Dodgers ,Turn | | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 11/29/96 | Expira tion | ##### | | Operat es: | Mo Tu We Th Fr Sa | | | | | | |
| | | | — Ariv — | | — Sta | | | | | | | |

| # | Location | Railroad | TZ | Dept - | | Time | Day | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|------------|---------------|-----------------------|------------|----------|-------|------|------------|----------------|-----|------|-------|-------|-----------------------|
| | | | | - | - | | | | | | | | |
| 1 * | Dallas TX | KCS | | 0 | 0 | CST | | 2200 | 0 | 100 | 9 | 0 | Fuel Work Crew Insp |
| 2 * | Zacha Jct. TX | KCS | | 2305 | 0 | | | 2305 | 0 | | 4 | 9.4 | |
| 3 * | Cowley TX | KCS | | 155 | 1 | | | 155 | 1 | | 17 | 22.1 | |
| 4 * | Metro TX | KCS | | 400 | 1 | | | 400 | 1 | | 10 | 58 | |
| 5 * | Zacha Jct. TX | KCS | | 855 | 1 | | | 855 | 1 | | 9 | 106.6 | |
| 6 * | Dallas TX | KCS | | 1000 | 1 | | | 0 | 0 | | | 116 | |
| 66 R DA301 | | 1 Local,Dodgers ,Turn | | 5 | 0 | | | 0 | 0 | | 0 | 0 | |
| Effecti ve | 11/29/96 | | Expiration | ##### | | | Operat es: | Su Mo Tu We Th | | | | | |
| | | | | — Ariv — | — Sta | | Dept — | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Dallas TX | KCS | | 0 | 0 | CST | | 2359 | 1 | | 3 | 0 | Fuel Work Crew Insp |
| 2 * | Zacha Jct. TX | KCS | | 310 | 2 | | | 310 | 2 | | 5 | 9.4 | |
| 3 * | Lavon Jct. | KCS | | 600 | 2 | | | 600 | 2 | | 5 | 24.2 | |
| 4 * | Zacha Jct. TX | KCS | | 850 | 2 | | | 850 | 2 | | 3 | 39 | |
| 5 * | Dallas TX | KCS | | 1159 | 2 | | | 0 | 0 | | | 48.4 | |
| 67 R DA401 | | 1 Local,Dodgers ,Turn | | 2 | 0 | | | 0 | 0 | | 0 | 0 | |
| Effecti ve | 11/29/96 | | Expiration | ##### | | | Operat es: | Mo Tu | | | | | |
| | | | | — Ariv — | — Sta | | Dept — | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Dallas TX | KCS | | 0 | 0 | CST | | 800 | 0 | 100 | | 0 | Fuel Work Crew Insp |
| 2 * | DALAS-RAMP | KCS | | 800 | 1 | | | 1200 | 1 | 400 | | 0.1 | Work |
| 3 * | Dallas TX | KCS | | 1200 | 2 | | | 0 | 0 | 300 | | 0.2 | Work |
| 68 R DA401 | | 2 Local,Dodgers ,Turn | | 2 | 0 | | | 0 | 0 | | 0 | 0 | |
| Effecti ve | 11/29/96 | | Expiration | ##### | | | Operat es: | We Th | | | | | |
| | | | | — Ariv — | — Sta | | Dept — | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | | Time | Day | Time | Speed | Dist | — Yard Activity — |

| 1 * | Dallas TX | KCS | 0 | 0 CST | 1600 | 0 | 100 | 0 | Fuel Work | |
|------------|---------------|-----------------------|--------------|--------|--------------------------|----|------|-----|------------------|-----------------------|
| 2 * | DALAS-RAMP | KCS | 1600 | 1 | 2000 | 1 | 400 | 0.1 | Crew Insp | |
| 3 * | Dallas TX | KCS | 2000 | 2 | 0 | 0 | 300 | 0.2 | Work | |
| 69 R | DA401 | 3 Local,Dodgers ,Turn | 2 | 0 | 0 | 0 | 0 | 0 | | |
| Effecti ve | 11/29/96 | Expiration | ##### | Operat | Fr Sa es: | | | | | |
| | | | --- Ariv --- | --- | Sta Dept -- | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed Dist | --- Yard Activity --- |
| 1 * | Dallas TX | KCS | 0 | 0 CST | 2359 | 1 | | 3 | 0 Fuel Work | |
| 2 * | Zacha Jct. TX | KCS | 310 | 2 | 310 | 2 | | 5 | Crew Insp 9.4 | |
| 3 * | Lavon Jct. | KCS | 600 | 2 | 600 | 2 | | 5 | 24.2 | |
| 4 * | Zacha Jct. TX | KCS | 850 | 2 | 850 | 2 | | 3 | 39 | |
| 5 * | Dallas TX | KCS | 1159 | 2 | 0 | 0 | | | 48.4 | |
| 70 R | DQ101 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | | |
| Effecti ve | 2/3/97 | Expiration | ##### | Operat | Mo Tu We Th Fr Sa es: | | | | | |
| | | | --- Ariv --- | --- | Sta Dept -- | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed Dist | --- Yard Activity --- |
| 1 * | DeQueen AR | KCS | 0 | 0 | 930 | 0 | | | 0 Fuel Work | |
| 2 * | DQUEEN-DQE | KCS | 930 | 1 | 930 | 1 | | | Crew Insp 1 Work | |
| 3 * | DeQueen AR | KCS | 930 | 2 | 0 | 0 | | | 2 Work | |
| 71 R | DQSH1 | 1 Local,Dodgers ,Turn | 7 | 0 | 0 | 0 | 0 | 0 | | |
| Effecti ve | 12/21/97 | Expiration | ##### | Operat | Su Mo Tu We Th Fr Sa es: | | | | | |
| | | | --- Ariv --- | --- | Sta Dept -- | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed Dist | --- Yard Activity --- |
| 1 * | DeQueen AR | KCS | 0 | 0 | 1800 | 0 | | 21 | 0 Fuel Work | |
| 2 * | Wade AR | KCS | 1815 | 0 | 1815 | 0 | | 19 | Crew Insp 5.3 | |
| 3 * | Winthrop AR | KCS | 1850 | 0 | 1850 | 0 | | 17 | 16.4 | |
| 4 * | Gifford Hill | KCS | 1930 | 0 | 2000 | 0 | 30 | 25 | 28 | |

| | | | | | | | | | | | |
|------|----------------|-----|------|---|------|---|-----|----|-------|--|-------|
| 5 * | Spur | | | | | | | | | | |
| 6 * | Wilton AR | KCS | 2005 | 0 | 2005 | 0 | 100 | 22 | 30.1 | | |
| 6 * | Ashdown | KCS | 2025 | 0 | 2125 | 0 | 100 | 17 | 37.3 | | |
| AR | | | | | | | | | | | |
| 7 * | Texarkana | KCS | 2225 | 0 | 2325 | 0 | 100 | 18 | 54 | | |
| | TX | | | | | | | | | | |
| 8 * | Jury TX | KCS | 2345 | 0 | 2345 | 0 | | 21 | 59.9 | | |
| 9 * | Sandra LA | KCS | 55 | 1 | 55 | 1 | | 20 | 83.9 | | |
| 10 * | Shoreline | KCS | 140 | 1 | 140 | 1 | | 20 | 98.9 | | |
| | LA | | | | | | | | | | |
| 11 * | Blanchard | KCS | 230 | 1 | 230 | 1 | | 8 | 115.4 | | |
| | LA | | | | | | | | | | |
| 12 * | Shreveport | KCS | 310 | 1 | 310 | 1 | | 10 | 120.4 | | |
| | LA | | | | | | | | | | |
| 13 * | Harriet Street | KCS | 325 | 1 | 355 | 1 | 30 | 7 | 122.8 | | |
| | LA | | | | | | | | | | |
| 14 * | Shreveport | KCS | 415 | 1 | 0 | 0 | | | | | 125.2 |
| | LA | | | | | | | | | | |

72 R 2 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

FR101

Effecti 1/31/97 Expira ##### Operat Mo Tu We Th Fr Sa
ve tion es:

— Ariv — — Sta
Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Forest MS | KCS | | 0 | 0 | | 1325 | 0 | 100 | 19 | 0 | Fuel Work Crew Insp |
| 2 * | Newton MS | KCS | | 1425 | 0 | | 1525 | 0 | 100 | 19 | 18.6 | |
| 3 * | Hickory MS | KCS | | 1550 | 0 | | 1610 | 0 | 20 | 22 | 26.7 | |
| 4 * | Chunky MS | KCS | | 1625 | 0 | | 1645 | 0 | 20 | 16 | 32.3 | |
| 5 * | Meehan MS | KCS | | 1705 | 0 | | 1725 | 0 | 20 | 20 | 37.5 | |
| 6 * | Meridian MS | KCS | | 1800 | 0 | | 0 | 0 | 100 | | 49.3 | |

73 R 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

HD201

Effecti 5/ 9/97 Expira ##### Operat Mo Tu We Th Fr Sa
ve tion es:

— Ariv — — Sta
Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Hodge LA | KCS | | 0 | 0 | | 1200 | 0 | | 12 | 0 | Work Crew Insp |
| 2 * | Advance LA | KCS | | 1205 | 0 | | 1205 | 0 | | 21 | 1 | Work |
| 3 * | Danville LA | KCS | | 1230 | 0 | | 1230 | 0 | | 19 | 9.8 | |
| 4 * | Gibsland LA | KCS | | 1405 | 0 | | 0 | 0 | | | 40 | Work |

74 R 2 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0

HD201

Effecti 5/ 9/97 Expira ##### Operat Su Mo Tu We Th Fr Sa
ve tion es:

— Ariv — — Sta

| # | Location | Railroad | TZ | Dept -- | | Time | Day | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|---------|-------------------|-----------------------|----|------------------|-----|------------------------------|------|------|------|-------|-------|-----------------------|-----------------------|
| | | | | Day | TZ | | | | | | | | |
| 1 * | Gibslend LA | KCS | | 0 | 0 | 600 | 0 | | | | 19 | 0 | Work |
| 2 * | Danville LA | KCS | | 735 | 0 | 735 | 0 | | | | 21 | 30.2 | |
| 3 * | Advance LA | KCS | | 800 | 0 | 800 | 0 | | | | 12 | 39 | Work |
| 4 * | Hodge LA | KCS | | 805 | 0 | 0 | 0 | | | | | 40 | Work |
| 75 R | HS101 | 1 Local,Dodgers ,Turn | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Effecti | | ve 6/22/97 | | Expiration ##### | | Operat Mo Tu We Th Fr Sa es: | | | | | | | |
| | | --- Ariv --- | | --- Sta Dept -- | | | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- | |
| 1 * | Hughes Springs TX | KCS | | 0 | 0 | CST | 600 | 0 | | | 6 | 0 | Fuel Work Crew Insp |
| 2 * | Avinger TX | KCS | | 730 | 0 | | 730 | 0 | | | 5 | 8.9 | |
| 3 * | Wilkes Spur TX | KCS | | 815 | 0 | | 815 | 0 | | | 5 | 13 | |
| 4 * | Orrs Tx | KCS | | 820 | 0 | | 820 | 0 | | | 5 | 13.4 | |
| 5 * | Lassater TX | KCS | | 840 | 0 | | 840 | 0 | | | 6 | 15.2 | |
| 6 * | Sarber TX | KCS | | 915 | 0 | | 915 | 0 | | | 6 | 18.6 | |
| 7 * | Burford TX | KCS | | 1010 | 0 | | 1010 | 0 | | | 6 | 24.1 | |
| 8 * | Jefferson TX | KCS | | 1040 | 0 | | 1040 | 0 | | | | 27 | |
| 9 * | JFRSN-UP | KCS | | 1040 | 1 | | 1040 | 1 | | | | 27 | |
| 10 * | Jefferson TX | KCS | | 1040 | 2 | | 1040 | 2 | | | 6 | 27 | |
| 11 * | Baldwin TX | KCS | | 1200 | 2 | | 1200 | 2 | | | 6 | 34.6 | |
| 12 * | Jefferson TX | KCS | | 1320 | 2 | | 1320 | 2 | | | 6 | 42.2 | |
| 13 * | Burford TX | KCS | | 1350 | 2 | | 1350 | 2 | | | 6 | 45.1 | |
| 14 * | Sarber TX | KCS | | 1445 | 2 | | 1445 | 2 | | | 6 | 50.6 | |
| 15 * | Lassater TX | KCS | | 1520 | 2 | | 1520 | 2 | | | 5 | 54 | |
| 16 * | Orrs Tx | KCS | | 1540 | 2 | | 1540 | 2 | | | 5 | 55.8 | |
| 17 * | Wilkes Spur TX | KCS | | 1545 | 2 | | 1545 | 2 | | | 6 | 56.2 | |
| 18 * | Avinger TX | KCS | | 1625 | 2 | | 1625 | 2 | | | 6 | 60.3 | |
| 19 * | Hughes Springs TX | KCS | | 1800 | 2 | | 0 | 0 | | | | 69.2 | |
| 76 R | HS102 | 1 Local,Dodgers ,Turn | | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | |
| Effecti | | ve 7/ 8/97 | | Expiration ##### | | Operat Mo Tu We Th Fr Sa es: | | | | | | | |
| | | --- Ariv --- | | --- Sta Dept -- | | | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- | |
| 1 * | Hughes Springs TX | KCS | | 0 | 0 | CST | 800 | 0 | | | 3 | 0 | Fuel Work Crew Insp |
| 2 * | Veals TX | KCS | | 840 | 0 | | 840 | 0 | | | 3 | 2.1 | |
| 3 * | Daingerfield TX | KCS | | 1000 | 0 | | 1000 | 0 | | | 3 | 6.3 | |

| | | | | | | | | |
|------|-------------------|-----|------|---|------|---|---|------|
| 4 * | Cason TX | KCS | 1155 | 0 | 1155 | 0 | 3 | 12.5 |
| 5 * | Welsh TX | KCS | 1225 | 0 | 1225 | 0 | 3 | 14.1 |
| 6 * | Faker TX | KCS | 1400 | 0 | 1400 | 0 | 3 | 19.2 |
| 7 * | Welsh TX | KCS | 1535 | 0 | 1535 | 0 | 3 | 24.3 |
| 8 * | Cason TX | KCS | 1605 | 0 | 1605 | 0 | 3 | 25.9 |
| 9 * | Daingerfield TX | KCS | 1800 | 0 | 1800 | 0 | 3 | 32.1 |
| 10 * | Veals TX | KCS | 1920 | 0 | 1920 | 0 | 3 | 36.3 |
| 11 * | Hughes Springs TX | KCS | 2000 | 0 | 0 | 0 | | 38.4 |

77 R HV101 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0 0

Effecti ve 2/3/97 Expira tion ##### Operat es: Mo Tu We Th Fr

--- Ariv --- --- Sta Dept --

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Heavener OK | KCS | | 0 | 0 | | 800 | 0 | | 21 | 0 | Fuel Work Crew Insp |
| 2 * | Sugar Creek AR | KCS | | 820 | 0 | | 820 | 0 | | 11 | 6.9 | |
| 3 * | Hiawatha OK | KCS | | 830 | 0 | | 830 | 0 | | 20 | 8.7 | |
| 4 * | Coaldale AR | KCS | | 835 | 0 | | 835 | 0 | | 23 | 10.4 | |
| 5 * | Bates AR | KCS | | 845 | 0 | | 845 | 0 | | 19 | 14.3 | |
| 6 * | Cauthron AR | KCS | | 900 | 0 | | 900 | 0 | | 25 | 19 | |
| 7 * | Oliver AR | KCS | | 905 | 0 | | 905 | 0 | | 19 | 21.1 | |
| 8 * | Hon AR | KCS | | 920 | 0 | | 920 | 0 | | 18 | 25.8 | |
| 9 * | Waldron AR | KCS | | 940 | 0 | | 0 | 0 | 200 | | 31.8 | |

78 R HV101 2 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0 0

Effecti ve 2/3/97 Expira tion ##### Operat es: Mo Tu We Th Fr

--- Ariv --- --- Sta Dept --

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Waldron AR | KCS | | 0 | 0 | | 1000 | 0 | | 18 | 0 | |
| 2 * | Hon AR | KCS | | 1020 | 0 | | 1020 | 0 | | 19 | 6 | |
| 3 * | Oliver AR | KCS | | 1035 | 0 | | 1035 | 0 | | 25 | 10.7 | |
| 4 * | Cauthron AR | KCS | | 1040 | 0 | | 1040 | 0 | | 19 | 12.8 | |
| 5 * | Bates AR | KCS | | 1055 | 0 | | 1055 | 0 | | 16 | 17.5 | |
| 6 * | Coaldale AR | KCS | | 1110 | 0 | | 1110 | 0 | | 20 | 21.4 | |
| 7 * | Hiawatha OK | KCS | | 1115 | 0 | | 1115 | 0 | | 22 | 23.1 | |
| 8 * | Sugar Creek AR | KCS | | 1120 | 0 | | 1120 | 0 | | 21 | 24.9 | |
| 9 * | Heavener OK | KCS | | 1140 | 0 | | 0 | 0 | | | 31.8 | |

79 R HV102 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti ve 3/7/97 Expira tion ##### Operat Su Mo Tu We Th Fr es:

| # | Location | Railroad | --- Ariv --- | | --- Sta Dept -- | | Time | Day | Speed | Dist | — Yard Activity — |
|------|---------------|----------|--------------|------|-----------------|----|------|-----|-------|------|-----------------------|
| | | | TZ | Time | Day | TZ | | | | | |
| 1 * | Heavener OK | KCS | | 0 | 0 | | 800 | 0 | | 20 | 0 Fuel Work Crew Insp |
| 2 * | Howe OK | KCS | | 815 | 0 | | 815 | 0 | | 20 | 5 |
| 3 * | Poteau OK | KCS | | 835 | 0 | | 835 | 0 | | 17 | 11.6 |
| 4 * | Cameron OK | KCS | | 900 | 0 | | 900 | 0 | | 19 | 18.8 |
| 5 * | Fort Smith AR | KCS | | 1005 | 0 | | 1005 | 0 | | | 39.3 |
| 6 * | FTSMI-AM | KCS | | 1005 | 1 | | 1005 | 1 | | | 39.3 |
| 7 * | Fort Smith AR | KCS | | 1005 | 2 | | 1005 | 2 | | | 39.3 |
| 8 * | FTSMI-FSR | KCS | | 1005 | 3 | | 1005 | 3 | | | 39.3 |
| 9 * | Fort Smith AR | KCS | | 1005 | 4 | | 1005 | 4 | | | 39.3 |
| 10 * | FTSMI-UP | KCS | | 1005 | 5 | | 1005 | 5 | | | 39.3 |
| 11 * | Fort Smith AR | KCS | | 1005 | 6 | | 0 | 0 | | | 39.3 |

80 R HV102 2 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti ve 3/7/97 Expira tion ##### Operat Su Mo Tu We Th Fr es:

| # | Location | Railroad | --- Ariv --- | | --- Sta Dept -- | | Time | Day | Speed | Dist | — Yard Activity — |
|-----|---------------|----------|--------------|------|-----------------|----|------|-----|-------|------|-------------------|
| | | | TZ | Time | Day | TZ | | | | | |
| 1 * | Fort Smith AR | KCS | | 0 | 0 | | 1300 | 0 | | 19 | 0 |
| 2 * | Cameron OK | KCS | | 1405 | 0 | | 1405 | 0 | | 17 | 20.5 |
| 3 * | Poteau OK | KCS | | 1430 | 0 | | 1430 | 0 | | 20 | 27.7 |
| 4 * | Howe OK | KCS | | 1450 | 0 | | 1450 | 0 | | 20 | 34.3 |
| 5 * | Heavener OK | KCS | | 1505 | 0 | | 0 | 0 | | | 39.3 |

81 R HV201 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

Effecti ve 2/3/97 Expira tion ##### Operat Tu We Th Fr Sa es:

| # | Location | Railroad | --- Ariv --- | | --- Sta Dept -- | | Time | Day | Speed | Dist | — Yard Activity — |
|-----|-------------|----------|--------------|------|-----------------|----|------|-----|-------|------|-----------------------|
| | | | TZ | Time | Day | TZ | | | | | |
| 1 * | Heavener OK | KCS | | 0 | 0 | | 1900 | 0 | | 21 | 0 Fuel Work Crew Insp |

| | | | | | | | | |
|-----|----------------|-----|------|---|------|---|-----|------|
| 2 * | Sugar Creek AR | KCS | 1920 | 0 | 1920 | 0 | 11 | 6.9 |
| 3 * | Hiawatha OK | KCS | 1930 | 0 | 1930 | 0 | 20 | 8.7 |
| 4 * | Coaldale AR | KCS | 1935 | 0 | 1935 | 0 | 23 | 10.4 |
| 5 * | Bates AR | KCS | 1945 | 0 | 1945 | 0 | 19 | 14.3 |
| 6 * | Cauthron AR | KCS | 2000 | 0 | 2000 | 0 | 25 | 19 |
| 7 * | Oliver AR | KCS | 2005 | 0 | 2005 | 0 | 19 | 21.1 |
| 8 * | Hon AR | KCS | 2020 | 0 | 2020 | 0 | 18 | 25.8 |
| 9 * | Waldron AR | KCS | 2040 | 0 | 0 | 0 | 200 | 31.8 |

82 R HV201 2 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0 0

Effecti ve 2/3/97 Expira tion ##### Operat Tu We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Waldron AR | KCS | | 0 | 0 | | 2100 | 0 | | 18 | 0 | |
| 2 * | Hon AR | KCS | | 2120 | 0 | | 2120 | 0 | | 19 | 6 | |
| 3 * | Oliver AR | KCS | | 2135 | 0 | | 2135 | 0 | | 25 | 10.7 | |
| 4 * | Cauthron AR | KCS | | 2140 | 0 | | 2140 | 0 | | 19 | 12.8 | |
| 5 * | Bates AR | KCS | | 2155 | 0 | | 2155 | 0 | | 16 | 17.5 | |
| 6 * | Coaldale AR | KCS | | 2210 | 0 | | 2210 | 0 | | 20 | 21.4 | |
| 7 * | Hiawatha OK | KCS | | 2215 | 0 | | 2215 | 0 | | 22 | 23.1 | |
| 8 * | Sugar Creek AR | KCS | | 2220 | 0 | | 2220 | 0 | | 21 | 24.9 | |
| 9 * | Heavener OK | KCS | | 2240 | 0 | | 0 | 0 | | | 31.8 | |

83 R HV301 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0 0

Effecti ve 2/3/97 Expira tion ##### Operat Su Mo Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Heavener OK | KCS | | 0 | 0 | | 2330 | 0 | | 21 | 0 | Fuel Work Crew Insp |
| 2 * | Sugar Creek AR | KCS | | 2350 | 0 | | 2350 | 0 | | 14 | 6.9 | |
| 3 * | Coaldale AR | KCS | | 5 | 1 | | 5 | 1 | | 23 | 10.4 | |
| 4 * | Bates AR | KCS | | 15 | 1 | | 15 | 1 | | 19 | 14.3 | |
| 5 * | Cauthron AR | KCS | | 30 | 1 | | 30 | 1 | | 25 | 19 | |
| 6 * | Oliver AR | KCS | | 35 | 1 | | 35 | 1 | | 19 | 21.1 | |
| 7 * | Hon AR | KCS | | 50 | 1 | | 50 | 1 | | 18 | 25.8 | |
| 8 * | Waldron AR | KCS | | 110 | 1 | | 0 | 0 | 200 | | 31.8 | |

84 R
HV301 2 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Waldron AR | KCS | | 0 | 0 | | 230 | 0 | | 18 | 0 | |
| 2 * | Hon AR | KCS | | 250 | 0 | | 250 | 0 | | 19 | 6 | |
| 3 * | Oliver AR | KCS | | 305 | 0 | | 305 | 0 | | 25 | 10.7 | |
| 4 * | Cauthron AR | KCS | | 310 | 0 | | 310 | 0 | | 19 | 12.8 | |
| 5 * | Bates AR | KCS | | 325 | 0 | | 325 | 0 | | 16 | 17.5 | |
| 6 * | Coaldale AR | KCS | | 340 | 0 | | 340 | 0 | | 20 | 21.4 | |
| 7 * | Hiawatha OK | KCS | | 345 | 0 | | 345 | 0 | | 22 | 23.1 | |
| 8 * | Sugar Creek AR | KCS | | 350 | 0 | | 350 | 0 | | 21 | 24.9 | |
| 9 * | Heavener OK | KCS | | 410 | 0 | | 0 | 0 | | | 31.8 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Waldron AR | KCS | | 0 | 0 | | 230 | 0 | | 18 | 0 | |
| 2 * | Hon AR | KCS | | 250 | 0 | | 250 | 0 | | 19 | 6 | |
| 3 * | Oliver AR | KCS | | 305 | 0 | | 305 | 0 | | 25 | 10.7 | |
| 4 * | Cauthron AR | KCS | | 310 | 0 | | 310 | 0 | | 19 | 12.8 | |
| 5 * | Bates AR | KCS | | 325 | 0 | | 325 | 0 | | 16 | 17.5 | |
| 6 * | Coaldale AR | KCS | | 340 | 0 | | 340 | 0 | | 20 | 21.4 | |
| 7 * | Hiawatha OK | KCS | | 345 | 0 | | 345 | 0 | | 22 | 23.1 | |
| 8 * | Sugar Creek AR | KCS | | 350 | 0 | | 350 | 0 | | 21 | 24.9 | |
| 9 * | Heavener OK | KCS | | 410 | 0 | | 0 | 0 | | | 31.8 | |

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JC101 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|---|----------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
|---|----------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|

| | | | | | | | | | |
|-----|--------------------|-----|------|-------|------|---|-----|---|---------------------|
| 1 * | Jackson Yard MS | KCS | 0 | 0 | 800 | 0 | 300 | 8 | 0 Work Crew Insp |
| 2 * | Jackson MS | KCS | 840 | 0 CST | 1440 | 0 | 600 | 8 | 5.3 Work |
| 3 * | JACKN-IC | KCS | 1520 | 0 | 1620 | 0 | 100 | 9 | 10.4 Work |
| 4 * | Jackson MS | KCS | 1655 | 0 | 1755 | 0 | 100 | 8 | 15.5 |
| 5 * | Jackson Yard MS | KCS | 1835 | 0 | 0 | 0 | | | 20.8 |

87 R JC102 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|------------|----------|----|------|-----|-----|------|-----|------|-------|--------|----------------------|
| 1 * | Jackson MS | KCS | | 0 | 0 | CST | 1440 | 0 | 600 | 8 | 0 Work | |
| 2 * | JACKN-IC | KCS | | 1518 | 0 | | 1518 | 0 | | 8 | 5.1 | |
| 3 * | Jackson MS | KCS | | 1556 | 0 | | 0 | 0 | | | 10.2 | |

88 R JC201 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

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ve 6 Expira
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|--------------------|----------|----|------|-----|-----|------|-----|------|-------|---------------------|----------------------|
| 1 * | Jackson Yard MS | KCS | | 0 | 0 | | 1500 | 0 | 300 | 8 | 0 Work Crew Insp | |
| 2 * | Jackson MS | KCS | | 1540 | 0 | CST | 2140 | 0 | 600 | 8 | 5.3 Work | |
| 3 * | JACKN-IC | KCS | | 2220 | 0 | | 2320 | 0 | 100 | 9 | 10.4 Work | |
| 4 * | Jackson MS | KCS | | 2355 | 0 | | 55 | 1 | 100 | 8 | 15.5 | |
| 5 * | Jackson Yard MS | KCS | | 135 | 1 | | 0 | 0 | | | 20.8 | |

89 R JC301 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

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tion ##### Operat Su Mo Tu We
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|--------------------|----------|----|------|-----|-----|------|-----|------|-------|---------------------|----------------------|
| 1 * | Jackson Yard MS | KCS | | 0 | 0 | | 2300 | 0 | 300 | 8 | 0 Work Crew Insp | |
| 2 * | Jackson MS | KCS | | 2340 | 0 | CST | 540 | 1 | 600 | 8 | 5.3 Work | |
| 3 * | JACKN-IC | KCS | | 620 | 1 | | 720 | 1 | 100 | 9 | 10.4 Work | |
| 4 * | Jackson MS | KCS | | 755 | 1 | | 855 | 1 | 100 | 8 | 15.5 | |
| 5 * | Jackson Yard MS | KCS | | 935 | 1 | | 0 | 0 | | | 20.8 | |

| 90 R | KR101 | 1 Local,Dodgers ,Turn | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------|--------------------|-----------------------|-------|--------|--------------------------|----|------|-----|-------|------|
| Effecti ve | 6/16/97 | Expira tion | ##### | Operat | Su Mo Tu We Th Fr Sa es: | | | | | |
| — Ariv — — Sta Dept — | | | | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed | Dist |
| 1 * | Kraft LA | KCS | | 0 | 0 | | 900 | 0 | 20 | 0 |
| 2 * | Grappes Bluff LA | KCS | | 905 | 0 | | 905 | 0 | 19 | 1.7 |
| 3 * | Curtis LA | KCS | | 1130 | 0 | | 1130 | 0 | 18 | 48.3 |
| 4 * | Coushatta LA | KCS | | 1325 | 0 | | 1325 | 0 | 20 | 83.5 |
| 5 * | Grappes Bluff LA | KCS | | 1400 | 0 | | 1400 | 0 | 20 | 94.9 |
| 6 * | Kraft LA | KCS | | 1405 | 0 | | 0 | 0 | | 96.6 |
| 91 R | KR201 | 1 Local,Dodgers ,Turn | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 6/16/97 | Expira tion | ##### | Operat | Su Mo Tu We Th Fr Sa es: | | | | | |
| — Ariv — — Sta Dept — | | | | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed | Dist |
| 1 * | Kraft LA | KCS | | 0 | 0 | | 2100 | 0 | 20 | 0 |
| 2 * | Grappes Bluff LA | KCS | | 2105 | 0 | | 2105 | 0 | 19 | 1.7 |
| 3 * | Curtis LA | KCS | | 2330 | 0 | | 2330 | 0 | 19 | 48.3 |
| 4 * | Grappes Bluff LA | KCS | | 200 | 1 | | 200 | 1 | 20 | 94.9 |
| 5 * | Kraft LA | KCS | | 205 | 1 | | 0 | 0 | | 96.6 |
| 92 R | LA101 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 1/23/97 | Expira tion | ##### | Operat | Mo Tu We Th Fr Sa es: | | | | | |
| — Ariv — — Sta Dept — | | | | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Speed | Dist |
| 1 * | Latanier LA | KCS | | 0 | 0 | | 700 | 0 | 20 | 8 |
| 2 * | Alexandria LA | KCS | | 820 | 0 | | 840 | 0 | 20 | 6 |
| 3 * | Pineville Junction | KCS | | 845 | 0 | | 905 | 0 | 20 | 8 |
| 4 * | Tioga LA | KCS | | 945 | 0 | | 1005 | 0 | 20 | 16.8 |
| 5 * | Garnett LA | KCS | | 1025 | 0 | | 1045 | 0 | 20 | 18 |
| 6 * | Bentley LA | KCS | | 1055 | 0 | | 1055 | 0 | 19 | 23.6 |
| 7 * | Dry Prong | KCS | | 1110 | 0 | | 1110 | 0 | 18 | 26.6 |
| | | | | | | | | | | 31.3 |

| | | | | | | | | | | | |
|------|-----------|-----|-----|------|---|------|---|-----|------|--|--|
| | | LA | | | | | | | | | |
| 8 * | Willianna | LA | KCS | 1135 | 0 | 1135 | 0 | 21 | 38.7 | | |
| 9 * | Packton | LA | KCS | 1200 | 0 | 1210 | 0 | 17 | 47.5 | | |
| 10 * | Winnfield | KCS | | 1245 | 0 | 1305 | 0 | 20 | 57.4 | | |
| | | LA | | | | | | | | | |
| 11 * | Joyce | LA | KCS | 1315 | 0 | 1415 | 0 | 100 | 60.9 | | |
| 12 * | Winnfield | KCS | | 1425 | 0 | 0 | 0 | | 64.4 | | |
| | | LA | | | | | | | | | |

93 R 2 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|------------|----------|-----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Winnfield | KCS | | 0 | 0 | | 1430 | 0 | 5 | 19 | 0 | |
| 2 * | Willianna | LA | KCS | 1530 | 0 | | 1530 | 0 | | 22 | 18.7 | |
| 3 * | Dry Prong | KCS | | 1550 | 0 | | 1550 | 0 | | 19 | 26.1 | |
| 4 * | Bentley | LA | KCS | 1605 | 0 | | 1605 | 0 | | 20 | 30.8 | |
| 5 * | Garnett | LA | KCS | 1614 | 0 | | 1614 | 0 | | 19 | 33.8 | |
| 6 * | Tioga | LA | KCS | 1635 | 0 | | 1635 | 0 | | 8 | 40.6 | |
| 7 * | Pineville | KCS | | 1715 | 0 | | 1715 | 0 | | 6 | 46 | |
| 8 * | Alexandria | LA | KCS | 1720 | 0 | | 1720 | 0 | | 8 | 46.5 | |
| 9 * | Latanier | LA | KCS | 1845 | 0 | | 0 | 0 | | | 57.4 | |

94 R 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|------------|----------|-----|------|-----|----|------|-----|------|-------|-------|---------------------|
| 1 * | Alexandria | LA | KCS | 0 | 0 | | 600 | 0 | | 16 | 0 | Fuel Work Crew Insp |
| 2 * | Pineville | LA | KCS | 605 | 0 | | 605 | 0 | | 24 | 1.3 | |
| 3 * | Mallin | LA | KCS | 610 | 0 | | 610 | 0 | | 30 | 3.3 | |
| 4 * | Pineville | LA | KCS | 614 | 0 | | 614 | 0 | | 11 | 5.3 | |
| 5 * | Alexandria | KCS | | 621 | 0 | | 621 | 0 | | 11 | 6.6 | |
| 6 * | Latanier | LA | KCS | 720 | 0 | | 720 | 0 | | 18 | 17.5 | |
| 7 * | Bijou | LA | KCS | 745 | 0 | | 745 | 0 | | 16 | 25.2 | |
| 8 * | Belledeau | KCS | | 800 | 0 | | 800 | 0 | | 25 | 29.1 | |
| 9 * | Hessmer | LA | KCS | 810 | 0 | | 810 | 0 | | 17 | 33.3 | |
| 10 * | Mansura | LA | KCS | 825 | 0 | | 825 | 0 | | 20 | 37.5 | |
| 11 * | Hyde | LA | KCS | 910 | 0 | | 910 | 0 | | 14 | 52.4 | |
| 12 * | Legonier | LA | KCS | 920 | 0 | | 920 | 0 | | 19 | 54.8 | |
| 13 * | Keller | LA | KCS | 930 | 0 | | 930 | 0 | | 32 | 57.9 | |
| 14 * | Lettsworth | KCS | | 935 | 0 | | 935 | 0 | | 19 | 60.6 | |
| 15 * | Lobdell | LA | KCS | 1155 | 0 | | 0 | 0 | | | 104.6 | |

| 95 R | | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| Effecti ve | 3/7/97 | Expiration ##### | | Operat | Su Mo Tu We Th Fr | | | | | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed Dist |
| | | | | | | | | | | --- Yard Activity --- |
| 1 * | Lobdell LA | KCS | | 0 | 0 | | 1200 | 0 | | 19 0 |
| 2 * | Lettsworth LA | KCS | | 1420 | 0 | | 1420 | 0 | | 16 44 |
| 3 * | Keller LA | KCS | | 1430 | 0 | | 1430 | 0 | | 19 46.7 |
| 4 * | Legonier LA | KCS | | 1440 | 0 | | 1440 | 0 | | 29 49.8 |
| 5 * | Hyde LA | KCS | | 1445 | 0 | | 1445 | 0 | | 20 52.2 |
| 6 * | Mansura LA | KCS | | 1530 | 0 | | 1530 | 0 | | 17 67.1 |
| 7 * | Hessmer LA | KCS | | 1545 | 0 | | 1545 | 0 | | 17 71.3 |
| 8 * | Belledeau LA | KCS | | 1600 | 0 | | 1600 | 0 | | 23 75.5 |
| 9 * | Bijou LA | KCS | | 1610 | 0 | | 1610 | 0 | | 18 79.4 |
| 10 * | Latanier LA | KCS | | 1635 | 0 | | 1635 | 0 | | 8 87.1 |
| 11 * | Alexandria LA | KCS | | 1755 | 0 | | 1755 | 0 | | 98 |
| 12 * | ALXRA-UP | KCS | | 1755 | 1 | | 1755 | 1 | | 98 |
| 13 * | Alexandria LA | KCS | | 1755 | 2 | | 0 | 0 | | 98 |
| 96 R | | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed Dist |
| | | | | | | | | | | --- Yard Activity --- |
| 1 * | Kraft LA | KCS | | 0 | 0 | | 1200 | 1 | | 19 0 Fuel Work Crew Insp |
| 2 * | Clarence LA | KCS | | 1235 | 1 | | 1235 | 1 | | 19 11.1 |
| 3 * | Colfax LA | KCS | | 1405 | 1 | | 1405 | 1 | | 18 39.8 |
| 4 * | Barrett LA | KCS | | 1500 | 1 | | 1500 | 1 | | 16 56.6 |
| 5 * | Alexandria LA | KCS | | 1530 | 1 | | 1530 | 1 | | 8 64.4 |
| 6 * | Latanier LA | KCS | | 1650 | 1 | | 1650 | 1 | | 18 75.3 |
| 7 * | Bijou LA | KCS | | 1715 | 1 | | 1715 | 1 | | 19 83 |
| 8 * | Hyde LA | KCS | | 1840 | 1 | | 1840 | 1 | | 29 110.2 |
| 9 * | Legonier LA | KCS | | 1845 | 1 | | 1845 | 1 | | 19 112.6 |
| 10 * | Keller LA | KCS | | 1855 | 1 | | 1855 | 1 | | 18 115.7 |
| 11 * | West Junction LA | KCS | | 2135 | 1 | | 2135 | 1 | | 8 164.1 |
| 12 * | Baton Rouge LA | KCS | | 2225 | 1 | | 2225 | 1 | | 11 170.6 |
| 13 * | Gonzales LA | KCS | | 25 | 2 | | 25 | 2 | | 18 193 |
| 14 * | Barmen LA | KCS | | 50 | 2 | | 0 | 0 | | 200.6 |
| 97 R | | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Barmen LA | KCS | | 0 | 0 | | 1200 | 1 | | 18 | 0 | |
| 2 * | Gonzales LA | KCS | | 1225 | 1 | | 1225 | 1 | | 11 | 7.6 | |
| 3 * | Baton Rouge LA | KCS | | 1425 | 1 | | 1425 | 1 | | 8 | 30 | |
| 4 * | West Junction LA | KCS | | 1515 | 1 | | 1515 | 1 | | 18 | 36.5 | |
| 5 * | Keller LA | KCS | | 1755 | 1 | | 1755 | 1 | | 22 | 84.9 | |
| 6 * | Hyde LA | KCS | | 1810 | 1 | | 1810 | 1 | | 19 | 90.4 | |
| 7 * | Bijou LA | KCS | | 1935 | 1 | | 1935 | 1 | | 18 | 117.6 | |
| 8 * | Latanier LA | KCS | | 2000 | 1 | | 2000 | 1 | | 8 | 125.3 | |
| 9 * | Alexandria LA | KCS | | 2125 | 1 | | 2125 | 1 | | 8 | 136.2 | |
| 10 * | Pineville LA | KCS | | 2135 | 1 | | 2135 | 1 | | 20 | 137.5 | |
| 11 * | Barrett LA | KCS | | 2155 | 1 | | 2155 | 1 | | 20 | 144 | |
| 12 * | Colfax LA | KCS | | 2245 | 1 | | 2245 | 1 | | 19 | 160.8 | |
| 13 * | Clarence LA | KCS | | 15 | 2 | | 15 | 2 | | 19 | 189.5 | |
| 14 * | Kraft LA | KCS | | 50 | 2 | | 0 | 0 | | | 200.6 | |
| 98 R LE102 | | 1 Local,Dodgers ,Turn | | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | |

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| | | | Expiration | ##### | | Operat | Su | Mo | Tu | We | Th | Fr |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Leesville LA | KCS | | 0 | 0 | | 900 | 0 | 200 | 21 | 0 | Fuel Work Crew Insp |
| 2 * | Gandy LA | KCS | | 1005 | 0 | | 1035 | 0 | 30 | 19 | 22.9 | Work |
| 3 * | Florien LA | KCS | | 1045 | 0 | | 1115 | 0 | 30 | 42 | 26 | Work |
| 4 * | Fisher LA | KCS | | 1120 | 0 | | 1150 | 0 | 30 | 22 | 29.5 | Work |
| 5 * | Many LA | KCS | | 1205 | 0 | | 1235 | 0 | 30 | 23 | 35.1 | Work |
| 6 * | Zwolle LA | KCS | | 1305 | 0 | | 0 | 0 | 30 | | 46.6 | Work |
| 99 R LE102 | | 2 Local,Dodgers ,Turn | | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | |

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| | | | Expiration | ##### | | Operat | Su | Mo | Tu | We | Th | Fr |
|-----|------------|----------|------------|-------|-----|--------|------|-----|------|-------|------|-------------------|
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Zwolle LA | KCS | | 0 | 0 | | 1330 | 0 | 125 | 23 | 0 | |
| 2 * | Many LA | KCS | | 1400 | 0 | | 1400 | 0 | | 22 | 11.5 | |
| 3 * | Fisher LA | KCS | | 1415 | 0 | | 1415 | 0 | | 42 | 17.1 | |
| 4 * | Florien LA | KCS | | 1420 | 0 | | 1420 | 0 | | 19 | 20.6 | |
| 5 * | Gandy LA | KCS | | 1430 | 0 | | 1430 | 0 | | 21 | 23.7 | |

| | | | | | | | |
|-----|--------------|-----|------|---|---|---|------|
| 6 * | Leesville LA | KCS | 1535 | 0 | 0 | 0 | 46.6 |
|-----|--------------|-----|------|---|---|---|------|

| | | | | | | | | | |
|----------------|--------------------------|---|---|---|---|---|---|---|---|
| 100 R LE201 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------|--------------------------|---|---|---|---|---|---|---|---|

| | | | | | | | | | | |
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| Effecti ve | 6/23/97 | Expira tion | ##### | Operat es: | Mo | Tu | We | Th | Fr | Sa |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|------|------|-----|------|------|-----|------|-------|------|------------------------|
| 1 * | Leesville LA | KCS | | 0 | 0 | | 1700 | 0 | | 27 | 0 | Fuel Work Crew Insp |
| 2 * | Fort Polk LA | KCS | 1710 | 0 | | 1710 | 0 | | 24 | 4.5 | | |
| 3 * | Ludington LA | KCS | 1745 | 0 | | 1745 | 0 | | | 18.6 | | |
| 4 * | Boise Southern LA | KCS | 1745 | 1 | | 1745 | 1 | | 11 | 19 | | |
| 5 * | DeRidder LA | KCS | 1755 | 1 | | 1755 | 1 | | 27 | 20.8 | | |
| 6 * | Singer LA | KCS | 1830 | 1 | | 0 | 0 | | | 36.7 | | |

| | | | | | | | | | | | |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|
| 101 R LE201 | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | |
|---------------|---------|----------------|-------|---------------|----|----|----|----|----|----|
| Effecti ve | 6/23/97 | Expira tion | ##### | Operat es: | Mo | Tu | We | Th | Fr | Sa |
|---------------|---------|----------------|-------|---------------|----|----|----|----|----|----|

| | |
|----------|-----------------|
| — Ariv — | — Sta Dept — |
|----------|-----------------|

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|------|------|-----|------|------|-----|------|-------|------|----------------------|
| 1 * | Singer LA | KCS | | 0 | 0 | | 1930 | 0 | | 27 | 0 | |
| 2 * | DeRidder LA | KCS | 2005 | 0 | | 2005 | 0 | | | 15.9 | | |
| 3 * | DRIDR-BNSF | KCS | 2005 | 1 | | 2005 | 1 | | | 15.9 | | |
| 4 * | DeRidder LA | KCS | 2005 | 2 | | 2005 | 2 | | 22 | 15.9 | | |
| 5 * | Boise Southern LA | KCS | 2010 | 2 | | 2010 | 2 | | 5 | 17.7 | | |
| 6 * | Ludington LA | KCS | 2015 | 2 | | 2015 | 2 | | 28 | 18.1 | | |
| 7 * | Fort Polk LA | KCS | 2045 | 2 | | 2045 | 2 | | 18 | 32.2 | | |
| 8 * | Leesville LA | KCS | 2100 | 2 | | 0 | 0 | | | 36.7 | | |

| | | | | | | | | | | | |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|
| 102 R LV201 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | |
|---------------|---------|----------------|-------|---------------|----|----|----|----|----|----|
| Effecti ve | 2/12/97 | Expira tion | ##### | Operat es: | Su | Mo | Tu | We | Th | Fr |
|---------------|---------|----------------|-------|---------------|----|----|----|----|----|----|

| | |
|----------|-----------------|
| — Ariv — | — Sta Dept — |
|----------|-----------------|

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|---------------|----------|----|------|-----|----|------|-----|------|-------|------|----------------------|
| 1 * | Louisville MS | KCS | | 0 | 0 | | 1345 | 0 | 100 | 20 | 0 | |

| | | | | | | | | |
|------|------------|-----|------|---|------|---|----|------|
| 2 * | Ackerman | KCS | 1440 | 0 | 1440 | 0 | 17 | 18 |
| 3 * | Sturgis MS | KCS | 1510 | 0 | 1510 | 0 | 21 | 26.7 |
| 4 * | Longview | KCS | 1535 | 0 | 1535 | 0 | 18 | 35.5 |
| 5 * | Starkville | KCS | 1600 | 0 | 1600 | 0 | 21 | 42.8 |
| 6 * | Osborn MS | KCS | 1620 | 0 | 1620 | 0 | 17 | 49.8 |
| 7 * | West Point | KCS | 1645 | 0 | 1645 | 0 | 18 | 56.8 |
| 8 * | Tibbee MS | KCS | 1705 | 0 | 1705 | 0 | 34 | 62.7 |
| 9 * | Mayhew MS | KCS | 1710 | 0 | 1710 | 0 | 15 | 65.5 |
| 10 * | Artesia MS | KCS | 1730 | 0 | 0 | 0 | | 70.5 |

103 R 2 Local,Dodgers
LV201 ,Turn 6 0 0 0 0 0 0 0 0

Effecti 2/12/97 Expira ##### Operat Su Mo Tu We Th Fr
ve tion es:

| # | Location | Railroad | | TZ | Time | — Ariv — | | — Sta Dept — | | Speed | Dist | — Yard Activity — |
|------|------------|----------|----|----|------|----------|------|--------------|-----|-------|------|---------------------|
| | | Day | TZ | | | Time | Day | Time | Day | | | |
| 1 * | Artesia MS | KCS | | | 0 | 0 | 900 | 0 | | 20 | 0 | Fuel Work Crew Insp |
| 2 * | Mayhew MS | KCS | | | 915 | 0 | 915 | 0 | | 17 | 5 | |
| 3 * | Tibbee MS | KCS | | | 925 | 0 | 925 | 0 | | 18 | 7.8 | |
| 4 * | West Point | KCS | | | 945 | 0 | 945 | 0 | | 21 | 13.7 | MS |
| 5 * | Osborn MS | KCS | | | 1005 | 0 | 1005 | 0 | | 17 | 20.7 | |
| 6 * | Starkville | KCS | | | 1030 | 0 | 1030 | 0 | | 22 | 27.7 | MS |
| 7 * | Longview | KCS | | | 1050 | 0 | 1050 | 0 | | 18 | 35 | MS |
| 8 * | Sturgis MS | KCS | | | 1120 | 0 | 1120 | 0 | | 21 | 43.8 | |
| 9 * | Ackerman | KCS | | | 1145 | 0 | 1145 | 0 | | 18 | 52.5 | MS |
| 10 * | High Point | KCS | | | 1220 | 0 | 1220 | 0 | | 18 | 63.2 | MS |
| 11 * | Louisville | KCS | | | 1245 | 0 | 0 | 0 | | | 70.5 | MS |

104 R 1 Local,Dodgers
LV202 ,Turn 6 0 0 0 0 0 0 0 0

Effecti 5/ 9/97 Expira ##### Operat Su Mo Tu We Th Fr
ve tion es:

| # | Location | Railroad | | TZ | Time | — Ariv — | | — Sta Dept — | | Speed | Dist | — Yard Activity — |
|-----|--------------|----------|----|----|------|----------|------|--------------|-----|-------|------|---------------------|
| | | Day | TZ | | | Time | Day | Time | Day | | | |
| 1 * | Louisville | KCS | | | 0 | 0 | 2355 | 0 | | 17 | 0 | Fuel Work Crew Insp |
| 2 * | Estes MS | KCS | | | 10 | 1 | 10 | 1 | | 19 | 4.2 | |
| 3 * | Noxapater | KCS | | | 25 | 1 | 25 | 1 | | 23 | 8.9 | MS |
| 4 * | Stallo MS | KCS | | | 40 | 1 | 40 | 1 | | 19 | 14.6 | |
| 5 * | Burnside | KCS | | | 55 | 1 | 55 | 1 | | 18 | 19.3 | MS |
| 6 * | Philadelphia | KCS | | | 115 | 1 | 115 | 1 | | 12 | 25.2 | |

| | | | | | | | | |
|------|--------------------|-----|-----|---|-----|---|----|------|
| 7 * | MS Deweese | KCS | 120 | 1 | 120 | 1 | 22 | 26.2 |
| 8 * | MS McDonald | KCS | 140 | 1 | 140 | 1 | 17 | 33.4 |
| 9 * | MS Neshoba | KCS | 150 | 1 | 150 | 1 | 22 | 36.2 |
| 10 * | MS Union MS | KCS | 200 | 1 | 200 | 1 | 17 | 39.9 |
| 11 * | MS Decatur MS | KCS | 235 | 1 | 235 | 1 | 19 | 49.7 |
| 12 * | MS Jeff MS | KCS | 240 | 1 | 240 | 1 | 20 | 51.3 |
| 13 * | MS Doolittle MS | KCS | 250 | 1 | 250 | 1 | 25 | 54.7 |
| 14 * | MS Newton MS | KCS | 300 | 1 | 0 | 0 | | 58.8 |

105 R 2 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0

Effecti 5/ 9/97 Expiration Operat Su Mo Tu We Th Fr Sa
ve

— Ariv — — Sta
Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Newton MS | KCS | | 0 | 0 | | 400 | 0 | | 16 | 0 | |
| 2 * | Doolittle MS | KCS | | 415 | 0 | | 415 | 0 | | 20 | 4.1 | |
| 3 * | Jeff MS | KCS | | 425 | 0 | | 425 | 0 | | 19 | 7.5 | |
| 4 * | Decatur MS | KCS | | 430 | 0 | | 430 | 0 | | 20 | 9.1 | |
| 5 * | Union MS | KCS | | 500 | 0 | | 500 | 0 | | 22 | 18.9 | |
| 6 * | Neshoba MS | KCS | | 510 | 0 | | 510 | 0 | | 17 | 22.6 | |
| 7 * | McDonald MS | KCS | | 520 | 0 | | 520 | 0 | | 17 | 25.4 | |
| 8 * | Deweese MS | KCS | | 545 | 0 | | 545 | 0 | | | 32.6 | |
| 9 * | Philadelphia MS | KCS | | 545 | 1 | | 545 | 1 | | 18 | 33.6 | |
| 10 * | Stallo MS | KCS | | 620 | 1 | | 620 | 1 | | 18 | 44.2 | |
| 11 * | Estes MS | KCS | | 655 | 1 | | 655 | 1 | | 25 | 54.6 | |
| 12 * | Louisville MS | KCS | | 705 | 1 | | 0 | 0 | | | 58.8 | |

106 R 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti 6/17/97 Expiration Operat Mo Tu We Th Fr Sa
ve

— Ariv — — Sta
Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|------------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Mena AR | KCS | | 0 | 0 | | 1530 | 0 | | 19 | 0 | Work Crew |
| 2 * | Rich Mountain AR | KCS | | 1610 | 0 | | 1610 | 0 | | 18 | 12.5 | |
| 3 * | Howard AR | KCS | | 1630 | 0 | | 1630 | 0 | | 20 | 18.5 | |
| 4 * | Page OK | KCS | | 1650 | 0 | | 1650 | 0 | | 19 | 25.1 | |
| 5 * | Hodgen OK | KCS | | 1730 | 0 | | 1730 | 0 | | 18 | 37.8 | |
| 6 * | Heavener Coal OK | KCS | | 1740 | 0 | | 1740 | 0 | | 6 | 40.8 | |
| 7 * | Heavener OK | KCS | | 1750 | 0 | | 1750 | 0 | | 18 | 41.8 | |

| | | | | | | | | |
|------|-------------|-----|------|---|------|---|----|-------|
| 8 * | Hatfield AR | KCS | 2050 | 0 | 2050 | 0 | 20 | 96 |
| 9 * | Hatton AR | KCS | 2125 | 0 | 2125 | 0 | 19 | 107.5 |
| 10 * | DeQueen AR | KCS | 2255 | 0 | 0 | 0 | | 136.7 |

107 R
MA201 2 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti ve 6/17/97 Expira tion ##### Operat Mo Tu We Th Fr Sa es:

| # | Location | Railroad | — Ariv — | | — Sta Dept — | | Time | Day | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|------------------|----------|----------|------|--------------|----|------|-----|------|-----|-------|-------|------|-------------------|
| | | | TZ | Time | Day | TZ | | | | | | | | |
| 1 * | DeQueen AR | KCS | | 0 | 0 | | 2300 | 0 | | 19 | 0 | | | |
| 2 * | Hatton AR | KCS | | 33 | 1 | | 33 | 1 | | 19 | 29.2 | | | |
| 3 * | Hatfield AR | KCS | | 109 | 1 | | 109 | 1 | | 18 | 40.7 | | | |
| 4 * | Heavener OK | KCS | | 405 | 1 | | 405 | 1 | | 6 | 94.9 | | | |
| 5 * | Heavener Coal OK | KCS | | 415 | 1 | | 415 | 1 | | 18 | 95.9 | | | |
| 6 * | Hodgen OK | KCS | | 425 | 1 | | 425 | 1 | | 19 | 98.9 | | | |
| 7 * | Page OK | KCS | | 505 | 1 | | 505 | 1 | | 20 | 111.6 | | | |
| 8 * | Howard AR | KCS | | 525 | 1 | | 525 | 1 | | 18 | 118.2 | | | |
| 9 * | Rich Mountain AR | KCS | | 545 | 1 | | 545 | 1 | | 19 | 124.2 | | | |
| 10 * | Mena AR | KCS | | 625 | 1 | | 0 | 0 | | | 136.7 | | | |

108 R
ME101 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

Effecti ve 12/29/96 Expira tion ##### Operat Mo Tu We Th es: Fr

| # | Location | Railroad | — Ariv — | | — Sta Dept — | | Time | Day | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|---------------|----------|----------|------|--------------|----|------|-----|------|-----|------|---------------------|------|-------------------|
| | | | TZ | Time | Day | TZ | | | | | | | | |
| 1 * | Meridian MS | KCS | | 0 | 0 | | 700 | 0 | 100 | 17 | 0 | Fuel Work Crew Insp | | |
| 2 * | Sweatt MS | KCS | | 720 | 0 | | 750 | 0 | 30 | 19 | 5.6 | Work | | |
| 3 * | Enterprise MS | KCS | | 820 | 0 | | 850 | 0 | 30 | 22 | 15.2 | Work | | |
| 4 * | Quitman MS | KCS | | 920 | 0 | | 950 | 0 | 30 | 18 | 26.1 | Work | | |
| 5 * | Shubuta MS | KCS | | 1030 | 0 | | 1115 | 0 | 45 | 20 | 38.2 | Work | | |
| 6 * | Woodwards MS | KCS | | 1155 | 0 | | 1225 | 0 | 30 | 6 | 51.2 | Work | | |
| 7 * | Stanley MS | KCS | | 1230 | 0 | | 1300 | 0 | 30 | | 51.7 | Work | | |
| 8 * | Waynesboro MS | KCS | | 1300 | 1 | | 0 | 0 | 120 | | 52.8 | Work | | |

109 R
ME101 2 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0

Effecti ve 1/31/97 Expira tion ##### Operat Su Mo Tu We Th Fr Sa es:

— Ariv — — Sta

| # | Location | Railroad | TZ | Dept - | | Time | Day | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|---------------|----------|----|--------|----|------|-----|------|-----|------|-------|------|-----------------------|
| | | | | Day | TZ | | | | | | | | |
| 1 * | Waynesboro MS | KCS | | 0 | 0 | CST | | 1400 | 0 | 20 | 13 | 0 | |
| 2 * | Stanley MS | KCS | | 1405 | 0 | | | 1425 | 0 | 20 | | 1.1 | |
| 3 * | Woodwards MS | KCS | | 1425 | 1 | | | 1445 | 1 | 20 | 20 | 1.6 | |
| 4 * | Shubuta MS | KCS | | 1525 | 1 | | | 1545 | 1 | 20 | 18 | 14.6 | |
| 5 * | Quitman MS | KCS | | 1625 | 1 | | | 1645 | 1 | 20 | 19 | 26.7 | |
| 6 * | Enterprise MS | KCS | | 1720 | 1 | | | 1740 | 1 | 20 | 19 | 37.6 | |
| 7 * | Sweatt MS | KCS | | 1810 | 1 | | | 1830 | 1 | 20 | 22 | 47.2 | |
| 8 * | Meridian MS | KCS | | 1845 | 1 | | | 0 | 0 | | | 52.8 | |

110 R
ME201 1 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0 0

Effecti 2/27/97
ve Expira # ##### Operat Su Mo Tu We Th Fr Sa
tion es:

| # | Location | Railroad | TZ | Dept - | | Time | Day | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|------|------------------|----------|----|--------|----|------|-----|------|-----|------|-------|-------|-----------------------|
| | | | | Day | TZ | | | | | | | | |
| 1 * | Tupelo MS | KCS | | 0 | 0 | | | 1300 | 0 | | 17 | 0 | |
| 2 * | Saltillo MS | KCS | | 1330 | 0 | | | 1330 | 0 | | 14 | 8.5 | |
| 3 * | Guntown MS | KCS | | 1350 | 0 | | | 1350 | 0 | | 20 | 13.3 | |
| 4 * | Baldwyn MS | KCS | | 1405 | 0 | | | 1405 | 0 | | 17 | 18.4 | |
| 5 * | Booneville MS | KCS | | 1445 | 0 | | | 1445 | 0 | | 16 | 29.5 | |
| 6 * | Rienzi MS | KCS | | 1515 | 0 | | | 1515 | 0 | | 16 | 37.6 | |
| 7 * | Corinth MS | KCS | | 1600 | 0 | | | 1600 | 0 | | 22 | 49.8 | |
| 8 * | Middleton MS | KCS | | 1705 | 0 | | | 1705 | 0 | | 20 | 73.5 | |
| 9 * | Brownfield MS | KCS | | 1720 | 0 | | | 1720 | 0 | | 19 | 78.5 | |
| 10 * | Walnut MS | KCS | | 1730 | 0 | | | 1730 | 0 | | 21 | 81.6 | |
| 11 * | Campbell MS | KCS | | 1810 | 0 | | | 1810 | 0 | | 28 | 95.4 | |
| 12 * | Ripley MS | KCS | | 1815 | 0 | | | 1815 | 0 | | 17 | 97.7 | |
| 13 * | Zorbail MS | KCS | | 1830 | 0 | | | 1830 | 0 | | 24 | 101.9 | |
| 14 * | Blue Mountain MS | KCS | | 1835 | 0 | | | 1835 | 0 | | 30 | 103.9 | |
| 15 * | Cotton Plant MS | KCS | | 1845 | 0 | | | 1845 | 0 | | 18 | 108.9 | |
| 16 * | New Albany MS | KCS | | 1910 | 0 | | | 0 | 0 | | | 116.5 | |

111 R
ME201 2 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0 0

Effecti 2/27/97
ve Expira # ##### Operat Su Mo Tu We Th Fr Sa
tion es:

| # | Railroad | TZ | Dept - | | Time | Day | Time | Day | Time | Speed | Dist | --- Yard |
|---|----------|----|--------|----|------|-----|------|-----|------|-------|------|----------|
| | | | Day | TZ | | | | | | | | |

| Location | | | | | | Activity — | | | |
|----------|---------------|-----|------|---|------|------------|----|-------|---------------------|
| 1 * | New Albany | KCS | 0 | 0 | 800 | 0 | 23 | 0 | Fuel Work Crew Insp |
| MS | | | | | | | | | |
| 2 * | Cotton Plant | KCS | 820 | 0 | 820 | 0 | 20 | 7.6 | |
| MS | | | | | | | | | |
| 3 * | Blue Mountain | KCS | 835 | 0 | 835 | 0 | 24 | 12.6 | |
| MS | | | | | | | | | |
| 4 * | Zorball MS | KCS | 840 | 0 | 840 | 0 | 17 | 14.6 | |
| 5 * | Ripley MS | KCS | 855 | 0 | 855 | 0 | 28 | 18.8 | |
| 6 * | Campbell MS | KCS | 900 | 0 | 900 | 0 | 21 | 21.1 | |
| MS | | | | | | | | | |
| 7 * | Walnut MS | KCS | 940 | 0 | 940 | 0 | 19 | 34.9 | |
| 8 * | Brownfield MS | KCS | 950 | 0 | 950 | 0 | 30 | 38 | |
| MS | | | | | | | | | |
| 9 * | Middleton MS | KCS | 1000 | 0 | 1000 | 0 | 20 | 43 | |
| MS | | | | | | | | | |
| 10 * | Corinth MS | KCS | 1110 | 0 | 1110 | 0 | 16 | 66.7 | |
| 11 * | Rienzi MS | KCS | 1155 | 0 | 1155 | 0 | 16 | 78.9 | |
| 12 * | Booneville MS | KCS | 1225 | 0 | 1225 | 0 | 17 | 87 | |
| MS | | | | | | | | | |
| 13 * | Baldwyn MS | KCS | 1305 | 0 | 1305 | 0 | 20 | 98.1 | |
| 14 * | Guntown MS | KCS | 1320 | 0 | 1320 | 0 | 14 | 103.2 | |
| MS | | | | | | | | | |
| 15 * | Saltillo MS | KCS | 1340 | 0 | 1340 | 0 | 17 | 108 | |
| 16 * | Tupelo MS | KCS | 1410 | 0 | 0 | 0 | | 116.5 | |

112 R MI101 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti 7/ 9/97
ve Expira #####
tion Operat Mo Tu We Th Fr Sa
es:

| # | Location | Railroad | TZ | — Ariv — | | — Sta — | | Time | Day | Speed | Dist | — Yard Activity — |
|-----|------------------|----------|----|----------|----|---------|---|------|-----|-------|------|-------------------|
| | | | | Day | TZ | Dept | — | | | | | |
| 1 * | Minden LA | KCS | | 0 | 0 | | | 800 | 0 | 29 | 0 | Work Crew Insp |
| 2 * | Pace LA | KCS | | 810 | 0 | | | 810 | 0 | | | 4.8 |
| 3 * | Treat LA | KCS | | 830 | 2 | | | 830 | 2 | 22 | | 16 |
| 4 * | Cotton Valley LA | KCS | | 835 | 2 | | | 835 | 2 | 33 | | 17.8 |
| 5 * | Sarepta LA | KCS | | 845 | 2 | | | 845 | 2 | 31 | | 23.3 |
| 6 * | Cullen LA | KCS | | 855 | 2 | | | 0 | 0 | | | 28.5 |

113 R MI101 2 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0

Effecti 7/ 9/97
ve Expira #####
tion Operat Su Mo Tu We Th Fr Sa
es:

| # | Location | Railroad | TZ | — Ariv — | | — Sta — | | Time | Day | Speed | Dist | — Yard Activity — |
|-----|------------------|----------|----|----------|----|---------|---|------|-----|-------|------|-------------------|
| | | | | Day | TZ | Dept | — | | | | | |
| 1 * | Cullen LA | KCS | | 0 | 0 | | | 1000 | 0 | 21 | | 0 |
| 2 * | Sarepta LA | KCS | | 1015 | 0 | | | 1015 | 0 | 17 | | 5.2 |
| 3 * | Cotton Valley LA | KCS | | 1035 | 0 | | | 1035 | 0 | 22 | | 10.7 |
| 4 * | Treat LA | KCS | | 1040 | 0 | | | 1040 | 0 | 19 | | 12.5 |

| | | | | | | | | |
|-----|-----------|-----|------|---|------|---|------|------|
| 5 * | Pace LA | KCS | 1115 | 0 | 1115 | 0 | 19 | 23.7 |
| 6 * | Minden LA | KCS | 1130 | 0 | 0 | 0 | 28.5 | |

| | | | | | | | | |
|-------------|-----------------------|---|---|---|---|---|---|---|
| 114 R MI201 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|-----------------------|---|---|---|---|---|---|---|

Effective 6/23/97
Expiration ##### Operat Mo Tu We Th Fr Sa es:

--- Ariv --- Sta
Dept --

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|--------------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Minden LA | KCS | | 0 | 0 | | 2000 | 0 | | 10 | 0 | Work Crew Insp |
| 2 * | Gifford LA | KCS | | 2020 | 0 | | 2020 | 0 | | 17 | 3.2 | |
| 3 * | Doyline LA | KCS | | 2025 | 0 | | 2025 | 0 | | 20 | 4.6 | |
| 4 * | Goodwill LA | KCS | | 2035 | 0 | | 2035 | 0 | | 20 | 7.9 | |
| 5 * | Rex LA | KCS | | 2050 | 0 | | 2050 | 0 | | | 12.8 | |
| 6 * | Princeton LA | KCS | | 2050 | 1 | | 2050 | 1 | | 19 | 13.7 | |
| 7 * | Adner LA | KCS | | 2105 | 1 | | 2105 | 1 | | 15 | 18.5 | |
| 8 * | Carruthers LA | KCS | | 2120 | 1 | | 2120 | 1 | | | 22.2 | |
| 9 * | Ferguson LA | KCS | | 2120 | 2 | | 2120 | 2 | | 17 | 23.1 | |
| 10 * | Hinkle LA | KCS | | 2130 | 2 | | 2130 | 2 | | 8 | 26 | |
| 11 * | Louisiana Junction | KCS | | 2140 | 2 | | 2140 | 2 | | 8 | 27.4 | |
| 12 * | Wilsons Alley | KCS | | 2200 | 2 | | 2200 | 2 | | 10 | 30.1 | |
| 13 * | N Wye Switch | KCS | | 2205 | 2 | | 2205 | 2 | | 8 | 30.9 | |
| 14 * | Harriet Street LA | KCS | | 2225 | 2 | | 2225 | 2 | | 7 | 33.4 | |
| 15 * | Shreveport LA | KCS | | 2245 | 2 | | 0 | 0 | | | 35.8 | |

| | | | | | | | | | | | |
|-------------|-----------------------|---|---|---|---|---|---|---|---|---|---|
| 115 R MI201 | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|-----------------------|---|---|---|---|---|---|---|---|---|---|

Effective 7/ 9/97
Expiration ##### Operat Mo Tu We Th Fr Sa es:

--- Ariv --- Sta
Dept --

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|--------------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Shreveport LA | KCS | | 0 | 0 | | 2330 | 0 | | 7 | 0 | |
| 2 * | Harriet Street LA | KCS | | 2350 | 0 | | 2350 | 0 | | 10 | 2.4 | |
| 3 * | N Wye Switch | KCS | | 5 | 1 | | 5 | 1 | | 5 | 4.9 | |
| 4 * | Wilsons Alley | KCS | | 15 | 1 | | 15 | 1 | | 8 | 5.7 | |
| 5 * | Louisiana Junction | KCS | | 35 | 1 | | 35 | 1 | | 8 | 8.4 | |
| 6 * | Hinkle LA | KCS | | 45 | 1 | | 45 | 1 | | 35 | 9.8 | |
| 7 * | Ferguson LA | KCS | | 50 | 1 | | 50 | 1 | | 11 | 12.7 | |
| 8 * | Carruthers | KCS | | 55 | 1 | | 55 | 1 | | 22 | 13.6 | |

| | | | | | | | | | | |
|------|-------------|-----|-----|---|-----|---|----|------|--|------|
| | | LA | | | | | | | | |
| 9 * | Adner LA | KCS | 105 | 1 | 105 | 1 | 19 | 17.3 | | |
| 10 * | Princeton | KCS | 120 | 1 | 120 | 1 | 11 | 22.1 | | |
| | | LA | | | | | | | | |
| 11 * | Rex LA | KCS | 125 | 1 | 125 | 1 | 20 | 23 | | |
| 12 * | Goodwill LA | KCS | 140 | 1 | 140 | 1 | 20 | 27.9 | | |
| 13 * | Doyline LA | KCS | 150 | 1 | 150 | 1 | 17 | 31.2 | | |
| 14 * | Gifford LA | KCS | 155 | 1 | 155 | 1 | 10 | 32.6 | | |
| 15 * | Minden LA | KCS | 215 | 1 | 0 | 0 | | | | 35.8 |

116 R
MN101 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|----------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Monroe LA | KCS | | 0 | 0 | | 1100 | 0 | | 8 | 0 | Fuel Work Crew Insp |
| 2 * | West Monroe LA | KCS | | 1105 | 0 | | 1105 | 0 | | 15 | 0.7 | |
| 3 * | Steven LA | KCS | | 1115 | 0 | | 1115 | 0 | | 20 | 3.2 | |
| 4 * | Calhoun LA | KCS | | 1150 | 0 | | 1150 | 0 | | 22 | 14.7 | |
| 5 * | Tremont LA | KCS | | 1205 | 0 | | 1205 | 0 | | 14 | 20.3 | |
| 6 * | Choudrant LA | KCS | | 1220 | 0 | | 1220 | 0 | | 22 | 23.9 | |
| 7 * | Ruston LA | KCS | | 1240 | 0 | | 1240 | 0 | | 17 | 31.3 | |
| 8 * | Grambling LA | KCS | | 1255 | 0 | | 1255 | 0 | | 23 | 35.6 | |
| 9 * | Pabco LA | KCS | | 1300 | 0 | | 1300 | 0 | | 15 | 37.5 | |
| 10 * | Simsboro LA | KCS | | 1310 | 0 | | 1310 | 0 | | 19 | 40 | |
| 11 * | Gibson LA | KCS | | 1400 | 0 | | 0 | 0 | | | | 55.7 |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Gibson LA | KCS | | 0 | 0 | | 1500 | 0 | | 3 | 0 | |
| 2 * | Arcadia LA | KCS | | 1750 | 0 | | 1750 | 0 | | 3 | 7.9 | |
| 3 * | Simsboro LA | KCS | | 2035 | 0 | | 2035 | 0 | | 3 | 15.7 | |
| 4 * | Pabco LA | KCS | | 2130 | 0 | | 2130 | 0 | | 3 | 18.2 | |
| 5 * | Grambling LA | KCS | | 2210 | 0 | | 2210 | 0 | | 3 | 20.1 | |
| 6 * | Ruston LA | KCS | | 2345 | 0 | | 2345 | 0 | | 3 | 24.4 | |
| 7 * | Choudrant LA | KCS | | 220 | 1 | | 220 | 1 | | 3 | 31.8 | |
| 8 * | Tremont LA | KCS | | 330 | 1 | | 330 | 1 | | 3 | 35.4 | |
| 9 * | Calhoun LA | KCS | | 535 | 1 | | 535 | 1 | | 3 | 41 | |
| 10 * | Steven LA | KCS | | 935 | 1 | | 935 | 1 | | 3 | 52.5 | |
| 11 * | West Monroe LA | KCS | | 1030 | 1 | | 1030 | 1 | | 1 | 55 | |

| | | | | | | | | |
|------|-----------|-----|------|---|---|---|--|------|
| 12 * | Monroe LA | KCS | 1100 | 1 | 0 | 0 | | 55.7 |
|------|-----------|-----|------|---|---|---|--|------|

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|----------------|--------------------------|---|---|---|---|---|---|---|
| 118 R MN102 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
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| Effecti ve | 6/23/97 | Expira tion | ##### | Operat es: | Mo | Tu | We | Th | Fr | Sa |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-----------------|----------|----|------|-----|----|------|-----|------|-------|------|------------------------|
| 1 * | Monroe LA | KCS | | 0 | 0 | | 1600 | 0 | | 8 | 0 | Fuel Work Crew Insp |
| 2 * | West Monroe LA | KCS | | 1605 | 0 | | 1605 | 0 | | 15 | 0.7 | |
| 3 * | Steven LA | KCS | | 1615 | 0 | | 1615 | 0 | | 20 | 3.2 | |
| 4 * | Calhoun LA | KCS | | 1650 | 0 | | 1650 | 0 | | 22 | 14.7 | |
| 5 * | Tremont LA | KCS | | 1705 | 0 | | 1705 | 0 | | 14 | 20.3 | |
| 6 * | Choudrant LA | KCS | | 1720 | 0 | | 1720 | 0 | | 22 | 23.9 | |
| 7 * | Ruston LA | KCS | | 1740 | 0 | | 1740 | 0 | | 17 | 31.3 | |
| 8 * | Grambling LA | KCS | | 1755 | 0 | | 1755 | 0 | | 23 | 35.6 | |
| 9 * | Pabco LA | KCS | | 1800 | 0 | | 1800 | 0 | | 15 | 37.5 | |
| 10 * | Simsboro LA | KCS | | 1810 | 0 | | 1810 | 0 | | 19 | 40 | |
| 11 * | Gibsl Island LA | KCS | | 1900 | 0 | | 1900 | 0 | | | 55.7 | Work |
| 12 * | GLAND-LNW | KCS | | 1900 | 1 | | 1900 | 1 | | | 55.7 | Work |
| 13 * | Gibsl Island LA | KCS | | 1900 | 2 | | 0 | 0 | | | 55.7 | Work |

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|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|
| 119 R MN102 | 2 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|

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| Effecti ve | 6/23/97 | Expira tion | ##### | Operat es: | Mo | Tu | We | Th | Fr | Sa |
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| — Ariv — | — Sta Dept — |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-----------------|----------|----|------|-----|----|------|-----|------|-------|------|----------------------|
| 1 * | Gibsl Island LA | KCS | | 0 | 0 | | 1930 | 0 | | 19 | 0 | |
| 2 * | Arcadia LA | KCS | | 1955 | 0 | | 1955 | 0 | | 19 | 7.9 | |
| 3 * | Simsboro LA | KCS | | 2020 | 0 | | 2020 | 0 | | 15 | 15.7 | |
| 4 * | Pabco LA | KCS | | 2030 | 0 | | 2030 | 0 | | 23 | 18.2 | |
| 5 * | Grambling LA | KCS | | 2035 | 0 | | 2035 | 0 | | 17 | 20.1 | |
| 6 * | Ruston LA | KCS | | 2050 | 0 | | 2050 | 0 | | 22 | 24.4 | |
| 7 * | Choudrant LA | KCS | | 2110 | 0 | | 2110 | 0 | | 22 | 31.8 | |
| 8 * | Tremont LA | KCS | | 2120 | 0 | | 2120 | 0 | | 17 | 35.4 | |
| 9 * | Calhoun LA | KCS | | 2140 | 0 | | 2140 | 0 | | 20 | 41 | |
| 10 * | Steven LA | KCS | | 2215 | 0 | | 2215 | 0 | | 15 | 52.5 | |
| 11 * | West Monroe LA | KCS | | 2225 | 0 | | 2225 | 0 | | 8 | 55 | |
| 12 * | Monroe LA | KCS | | 2230 | 0 | | 0 | 0 | | | 55.7 | |

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|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|
| 120 R MO101 | 1 Local,Dodgers ,Turn | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|

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| | | | | | | | --- Ariv --- | | --- Sta Dept -- | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- | | | | |
| 1 * | Mossville LA | KCS | | 0 | 0 | | 700 | 0 | 100 | 22 | | 0 Fuel Work Crew Insp | | | | |
| 2 * | Westlake LA | KCS | | 710 | 0 | | 730 | 0 | 20 | | | 3.7 | | | | |
| 3 * | WLAKESP | KCS | | 730 | 1 | | 800 | 1 | 30 | | | 3.7 | | | | |
| 4 * | Westlake LA | KCS | | 800 | 2 | | 815 | 2 | 15 | 14 | | 3.7 | | | | |
| 5 * | Lake Charles LA | KCS | | 825 | 2 | | 845 | 2 | 20 | | | 6.1 | | | | |
| 6 * | LKCHA-UP | KCS | | 845 | 3 | | 925 | 3 | 40 | | | 6.1 Work | | | | |
| 7 * | Lake Charles LA | KCS | | 925 | 4 | | 945 | 4 | 20 | | | 6.1 | | | | |
| 8 * | LKCHA-SP | KCS | | 945 | 5 | | 1025 | 5 | 40 | | | 6.2 Work | | | | |
| 9 * | Lake Charles LA | KCS | | 1025 | 6 | | 1045 | 6 | 20 | 20 | | 6.3 | | | | |
| 10 * | Rose Bluff LA | KCS | | 1105 | 6 | | 1105 | 6 | | | | 18 13 | | | | |
| 11 * | W Lake Charles LA | KCS | | 1115 | 6 | | 1130 | 6 | 15 | 18 | | 16 Work | | | | |
| 12 * | Rose Bluff LA | KCS | | 1140 | 6 | | 1200 | 6 | 20 | 24 | | 19 Work | | | | |
| 13 * | Mossville LA | KCS | | 1210 | 6 | | 0 | 0 | 200 | | | 23 | | | | |

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,Turn 5 0 0 0 0 0 0 0

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| | | | | | | | --- Ariv --- | | --- Sta Dept -- | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- | | | | |
| 1 * | Mossville LA | KCS | | 0 | 0 | | 1500 | 0 | 100 | 22 | | 0 Fuel Work Crew Insp | | | | |
| 2 * | Westlake LA | KCS | | 1510 | 0 | | 1530 | 0 | 20 | | | 3.7 | | | | |
| 3 * | WLAKESP | KCS | | 1530 | 1 | | 1600 | 1 | 30 | | | 3.7 | | | | |
| 4 * | Westlake LA | KCS | | 1600 | 2 | | 1615 | 2 | 15 | 14 | | 3.7 | | | | |
| 5 * | Lake Charles LA | KCS | | 1625 | 2 | | 1645 | 2 | 20 | | | 6.1 | | | | |
| 6 * | LKCHA-UP | KCS | | 1645 | 3 | | 1725 | 3 | 40 | | | 6.1 Work | | | | |
| 7 * | Lake Charles LA | KCS | | 1725 | 4 | | 1745 | 4 | 20 | | | 6.1 | | | | |
| 8 * | LKCHA-SP | KCS | | 1745 | 5 | | 1825 | 5 | 40 | | | 6.2 Work | | | | |
| 9 * | Lake Charles LA | KCS | | 1825 | 6 | | 1845 | 6 | 20 | 20 | | 6.3 | | | | |
| 10 * | Rose Bluff LA | KCS | | 1905 | 6 | | 1905 | 6 | | | | 18 13 | | | | |
| 11 * | W Lake Charles LA | KCS | | 1915 | 6 | | 1930 | 6 | 15 | 18 | | 16 Work | | | | |
| 12 * | Rose Bluff LA | KCS | | 1940 | 6 | | 2000 | 6 | 20 | 24 | | 19 Work | | | | |

| 13 * | Mossville LA | KCS | 2010 | 6 | 0 | 0 | 200 | 23 | |
|----------------|--------------------------|----------------|----------|-----------------|-------------------|----|------|------------|---------------------------------|
| 122 R MO204 | 1 Local,Dodgers ,Turn | | 5 | 0 | 0 | 0 | 0 | 0 | |
| Effecti ve | 6/22/97 | Expira tion | ##### | Operat es: | Su Mo Tu We Sa | | | | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Speed Dist | — Yard Activity — |
| 1 * | Mossville LA | KCS | | 0 | 0 | | 1700 | 0 | 100 22 0 Fuel Work Crew Insp |
| 2 * | Westlake LA | KCS | | 1710 | 0 | | 1730 | 0 | 20 3.7 |
| 3 * | WLAKE-SP | KCS | | 1730 | 1 | | 1800 | 1 | 30 3.7 |
| 4 * | Westlake LA | KCS | | 1800 | 2 | | 1815 | 2 | 15 3.7 |
| 5 * | Lake Charles LA | KCS | | 1825 | 2 | | 1845 | 2 | 20 6.1 |
| 6 * | LKCHA-UP | KCS | | 1845 | 3 | | 1925 | 3 | 40 6.1 Work |
| 7 * | Lake Charles LA | KCS | | 1925 | 4 | | 1945 | 4 | 20 6.1 |
| 8 * | LKCHA-SP | KCS | | 1945 | 5 | | 2025 | 5 | 40 6.2 Work |
| 9 * | Lake Charles LA | KCS | | 2025 | 6 | | 2045 | 6 | 20 6.3 |
| 10 * | Rose Bluff LA | KCS | | 2105 | 6 | | 2105 | 6 | 18 13 |
| 11 * | W Lake Charles LA | KCS | | 2115 | 6 | | 2130 | 6 | 15 16 Work |
| 12 * | Rose Bluff LA | KCS | | 2140 | 6 | | 2200 | 6 | 20 19 Work |
| 13 * | Mossville LA | KCS | | 2210 | 6 | | 0 | 0 | 200 23 |
| 123 R MO205 | 1 Local,Dodgers ,Turn | | 5 | 0 | 0 | 0 | 0 | 0 | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Speed Dist | — Yard Activity — |
| 1 * | Mossville LA | KCS | | 0 | 0 | | 1700 | 0 | 100 22 0 Fuel Work Crew Insp |
| 2 * | Westlake LA | KCS | | 1710 | 0 | | 1730 | 0 | 20 3.7 |
| 3 * | WLAKE-SP | KCS | | 1730 | 1 | | 1800 | 1 | 30 3.7 |
| 4 * | Westlake LA | KCS | | 1800 | 2 | | 1815 | 2 | 15 3.7 |
| 5 * | Lake Charles LA | KCS | | 1825 | 2 | | 1845 | 2 | 20 6.1 |
| 6 * | LKCHA-UP | KCS | | 1845 | 3 | | 1925 | 3 | 40 6.1 Work |
| 7 * | Lake Charles LA | KCS | | 1925 | 4 | | 1945 | 4 | 20 6.1 |
| 8 * | LKCHA-SP | KCS | | 1945 | 5 | | 2025 | 5 | 40 6.2 Work |
| 9 * | Lake Charles LA | KCS | | 2025 | 6 | | 2045 | 6 | 20 6.3 |

| | | | | | | | | |
|------|----------------------|-----|------|---|------|---|-----|------------|
| 10 * | Rose Bluff LA | KCS | 2105 | 6 | 2105 | 6 | 18 | 13 |
| 11 * | W Lake Charles LA | KCS | 2115 | 6 | 2130 | 6 | 15 | 18 16 Work |
| 12 * | Rose Bluff LA | KCS | 2140 | 6 | 2200 | 6 | 20 | 24 19 Work |
| 13 * | Mossville LA | KCS | 2210 | 6 | 0 | 0 | 200 | 23 |

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| Effective | 6/22/97 | Expiration | ##### | Operator | Mo | Tu | We | Th | Fr | Sa | Su |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | Yard Activity |
|------|-----------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Mossville LA | KCS | | 0 | 0 | | 2000 | 0 | | 20 | 0 | Fuel Work Crew Insp |
| 2 * | Buhler LA | KCS | | 2020 | 0 | | 2020 | 0 | | 17 | 6.7 | Work |
| 3 * | DeQuincy LA | KCS | | 2055 | 0 | | 2055 | 0 | | | 16.4 | Work |
| 4 * | DQUIN-UP | KCS | | 2055 | 1 | | 2055 | 1 | | | 16.4 | |
| 5 * | DeQuincy LA | KCS | | 2055 | 2 | | 2055 | 2 | | 28 | 16.4 | |
| 6 * | Helme LA | KCS | | 2105 | 2 | | 2105 | 2 | | 38 | 21 | |
| 7 * | Green Island LA | KCS | | 2110 | 2 | | 2110 | 2 | | 19 | 24.2 | Work |
| 8 * | Lucas LA | KCS | | 2115 | 2 | | 2115 | 2 | | 29 | 25.8 | |
| 9 * | Ruliff TX | KCS | | 2140 | 2 | | 2140 | 2 | | 30 | 38 | |
| 10 * | Lemonville TX | KCS | | 2155 | 2 | | 2155 | 2 | | | 45.5 | Work |
| 11 * | LMNVL-SRN | KCS | | 2155 | 3 | | 2155 | 3 | | | 45.6 | Work |
| 12 * | Lemonville TX | KCS | | 2155 | 4 | | 2155 | 4 | | 25 | 45.7 | Work |
| 13 * | Mauriceville TX | KCS | | 2200 | 4 | | 2200 | 4 | | 31 | 47.8 | |
| 14 * | Vidor TX | KCS | | 2220 | 4 | | 2220 | 4 | | 22 | 58 | |
| 15 * | Beaumont TX | KCS | | 2235 | 4 | | 2235 | 4 | | 20 | 63.6 | Work |
| 16 * | Port Arthur TX | KCS | | 2335 | 4 | | 0 | 0 | | | 83.7 | |

125 R 2 Local,Dodgers 7 0 0 0 0 0 0 0 0
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Port Arthur TX | KCS | | 0 | 0 | | 2355 | 0 | | 20 | 0 | |
| 2 * | Beaumont TX | KCS | | 55 | 1 | | 55 | 1 | | 22 | 20.1 | Work |
| 3 * | Vidor TX | KCS | | 110 | 1 | | 110 | 1 | | 24 | 25.7 | |
| 4 * | Mauriceville | KCS | | 135 | 1 | | 135 | 1 | | 26 | 35.9 | |

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|------|-----------------|-----|-----|---|-----|---|----|------|------|------|
| 5 * | TX LMNVL-SRN | KCS | 140 | 1 | 145 | 1 | 5 | 1 | 38.1 | Work |
| 6 * | Lemonville TX | KCS | 150 | 1 | 155 | 1 | 5 | 45 | 38.2 | Work |
| 7 * | Ruliff TX | KCS | 205 | 1 | 205 | 1 | 24 | 45.7 | | |
| 8 * | Lucas LA | KCS | 235 | 1 | 235 | 1 | 19 | 57.9 | | |
| 9 * | Green Island LA | KCS | 240 | 1 | 240 | 1 | 19 | 59.5 | Work | |
| 10 * | Helme LA | KCS | 250 | 1 | 250 | 1 | 28 | 62.7 | | |
| 11 * | DeQuincy LA | KCS | 300 | 1 | 300 | 1 | 29 | 67.3 | Work | |
| 12 * | DQUIN-UP | KCS | 305 | 1 | 305 | 1 | | 67.3 | | |
| 13 * | DeQuincy LA | KCS | 310 | 1 | 310 | 1 | 29 | 67.3 | | |
| 14 * | Buhler LA | KCS | 330 | 1 | 330 | 1 | 16 | 77 | | |
| 15 * | Mossville LA | KCS | 355 | 1 | 355 | 1 | 24 | 83.7 | | |
| 16 * | Lake Charles LA | KCS | 410 | 1 | 0 | 0 | | 89.8 | | |

126 R
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-------------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Mossville LA | KCS | | 0 | 0 | | 2300 | 0 | 100 | 22 | 0 | Fuel Work Crew Insp |
| 2 * | Westlake LA | KCS | | 2310 | 0 | | 2330 | 0 | 20 | | 3.7 | |
| 3 * | WLAK-SP | KCS | | 2330 | 1 | | 0 | 2 | 30 | | 3.7 | |
| 4 * | Westlake LA | KCS | | 0 | 3 | | 15 | 3 | 15 | 14 | 3.7 | |
| 5 * | Lake Charles LA | KCS | | 25 | 3 | | 45 | 3 | 20 | | 6.1 | |
| 6 * | LKCHA-UP | KCS | | 45 | 4 | | 125 | 4 | 40 | | 6.1 | Work |
| 7 * | Lake Charles LA | KCS | | 125 | 5 | | 145 | 5 | 20 | | 6.1 | |
| 8 * | LKCHA-SP | KCS | | 145 | 6 | | 225 | 6 | 40 | | 6.2 | Work |
| 9 * | Lake Charles LA | KCS | | 225 | 7 | | 245 | 7 | 20 | 20 | 6.3 | |
| 10 * | Rose Bluff LA | KCS | | 305 | 7 | | 305 | 7 | | 18 | 13 | |
| 11 * | W Lake Charles LA | KCS | | 315 | 7 | | 330 | 7 | 15 | 18 | 16 | Work |
| 12 * | Rose Bluff LA | KCS | | 340 | 7 | | 400 | 7 | 20 | 24 | 19 | Work |
| 13 * | Mossville LA | KCS | | 410 | 7 | | 0 | 0 | | | 23 | |

127 R
MR101 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|-----------------|----------|----|------|-----|-----|------|-----|------|-------|------|-----------------------|
| 1 * | Morton MS | KCS | | 0 | 0 | CST | 600 | 0 | 30 | 18 | 0 | Work |
| 2 * | Pelahatchie MS | KCS | | 630 | 0 | | 640 | 0 | 10 | 20 | 8.8 | Work |
| 3 * | Rankin MS | KCS | | 700 | 0 | | 800 | 0 | 100 | 20 | 15.5 | Work |
| 4 * | Brandon MS | KCS | | 815 | 0 | | 915 | 0 | 100 | 18 | 20.6 | Work |
| 5 * | Greenfield MS | KCS | | 930 | 0 | | 940 | 0 | 10 | 18 | 25 | Work |
| 6 * | Whitfield MS | KCS | | 945 | 0 | | 945 | 0 | | 23 | 26.5 | Work |
| 7 * | Jackson Yard MS | KCS | | 955 | 0 | | 1055 | 0 | 100 | 8 | 30.3 | Work |
| 8 * | Jackson MS | KCS | | 1135 | 0 | | 0 | 0 | 10 | | 35.6 | |

128 R MR201 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0

Effecti ve 12/29/9 6 Expira tion ##### Operat Mo Tu We Th Fr Sa es:

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|-----------------|----------|----|------|-----|-----|------|-----|------|-------|------|-----------------------|
| 1 * | Morton MS | KCS | | 0 | 0 | CST | 1800 | 0 | 30 | 18 | 0 | Work |
| 2 * | Pelahatchie MS | KCS | | 1830 | 0 | | 1830 | 0 | | 20 | 8.8 | Work |
| 3 * | Rankin MS | KCS | | 1850 | 0 | | 1950 | 0 | 100 | 20 | 15.5 | Work |
| 4 * | Brandon MS | KCS | | 2005 | 0 | | 2105 | 0 | 100 | 18 | 20.6 | Work |
| 5 * | Greenfield MS | KCS | | 2120 | 0 | | 2120 | 0 | | 18 | 25 | Work |
| 6 * | Whitfield MS | KCS | | 2125 | 0 | | 2125 | 0 | | 23 | 26.5 | Work |
| 7 * | Jackson Yard MS | KCS | | 2135 | 0 | | 2235 | 0 | 100 | 8 | 30.3 | Work |
| 8 * | Jackson MS | KCS | | 2315 | 0 | | 0 | 0 | | | 35.6 | |

129 R MR201 2 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0 0

Effecti ve 1/28/97 Expira tion ##### Operat Su Mo Tu We Th Fr Sa es:

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|-----------------|----------|----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Jackson MS | KCS | | 0 | 0 | | 30 | 0 | 45 | 8 | 0 | Work Crew |
| 2 * | Jackson Yard MS | KCS | | 110 | 0 | | 210 | 0 | 100 | 23 | 5.3 | |
| 3 * | Whitfield MS | KCS | | 220 | 0 | | 220 | 0 | | 18 | 9.1 | |
| 4 * | Greenfield MS | KCS | | 225 | 0 | | 225 | 0 | | 18 | 10.6 | |
| 5 * | Brandon MS | KCS | | 240 | 0 | | 310 | 0 | 30 | 20 | 15 | |
| 6 * | Rankin MS | KCS | | 325 | 0 | | 345 | 0 | 20 | 16 | 20.1 | |
| 7 * | Pelahatchie MS | KCS | | 410 | 0 | | 430 | 0 | 20 | 21 | 26.8 | |
| 8 * | Morton MS | KCS | | 455 | 0 | | 0 | 0 | 20 | | 35.6 | |

130 R NA101 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti ve 2/3/97 Expira tion ##### Operat Mo Tu We Th Fr Sa es:

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|------|--------------------|----------|----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Nashville AR | KCS | | 0 | 0 | | 1105 | 0 | | | | 0 Fuel Work Crew Insp |
| 2 * | NSHVL-UP | KCS | | 1105 | 1 | | 1105 | 1 | | | | 0 |
| 3 * | Nashville AR | KCS | | 1105 | 2 | | 1105 | 2 | | | | 0 |
| 4 * | Elberta AR | KCS | | 1105 | 3 | | 1105 | 3 | | 6 | 0.5 | |
| 5 * | J J R Spur AR | KCS | | 1110 | 3 | | 1110 | 3 | | 15 | 1 | |
| 6 * | Mineral Springs AR | KCS | | 1130 | 3 | | 1130 | 3 | | 17 | 6 | |
| 7 * | Okay Junction AR | KCS | | 1155 | 3 | | 1155 | 3 | | 12 | 13 | |
| 8 * | Sand Hill AR | KCS | | 1215 | 3 | | 1215 | 3 | | 16 | 17 | |
| 9 * | Millwood AR | KCS | | 1230 | 3 | | 1230 | 3 | | 15 | 21 | |
| 10 * | Ashdown AR | KCS | | 1310 | 3 | | 0 | 0 | | | | 31 |

131 R NA101 2 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

Effecti ve 2/3/97 Expira tion ##### Operat Mo Tu We Th es: Fr

--- Ariv --- --- Sta Dept --

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|--------------------|----------|----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Ashdown AR | KCS | | 0 | 0 | | 1400 | 0 | | 15 | 0 | |
| 2 * | Millwood AR | KCS | | 1440 | 0 | | 1440 | 0 | | 16 | 10 | |
| 3 * | Sand Hill AR | KCS | | 1455 | 0 | | 1455 | 0 | | 16 | 14 | |
| 4 * | Okay Junction AR | KCS | | 1510 | 0 | | 1510 | 0 | | 14 | 18 | |
| 5 * | Mineral Springs AR | KCS | | 1540 | 0 | | 1540 | 0 | | 15 | 25 | |
| 6 * | J J R Spur AR | KCS | | 1600 | 0 | | 1600 | 0 | | | | 30 |
| 7 * | Elberta AR | KCS | | 1600 | 1 | | 1600 | 1 | | 6 | 30.5 | |
| 8 * | Nashville AR | KCS | | 1605 | 1 | | 0 | 0 | | | | 31 |

132 R NA102 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

Effecti ve 2/12/97 Expira tion ##### Operat Mo Tu We Th es: Fr

--- Ariv --- --- Sta Dept --

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|------------------|----------|----|------|-----|----|------|-----|------|-------|-------|-------------------|
| 1 * | Corinth MS | KCS | | 0 | 0 | | 100 | 0 | | 19 | 0 | |
| 2 * | Ripley MS | KCS | | 330 | 0 | | 330 | 0 | | 19 | 47.9 | |
| 3 * | Blue Mountain MS | KCS | | 350 | 0 | | 350 | 0 | | 19 | 54.1 | |
| 4 * | New Albany MS | KCS | | 430 | 0 | | 430 | 0 | | | 66.7 | |
| 5 * | NALBY-BN | KCS | | 430 | 1 | | 430 | 1 | | | 66.7 | |
| 6 * | New Albany MS | KCS | | 430 | 2 | | 430 | 2 | | 19 | 66.7 | |
| 7 * | Ecrum MS | KCS | | 505 | 2 | | 505 | 2 | | 18 | 77.8 | |
| 8 * | Pontotoc MS | KCS | | 530 | 2 | | 530 | 2 | | 20 | 85.5 | |
| 9 * | Houlka MS | KCS | | 615 | 2 | | 615 | 2 | | 16 | 100.5 | |
| 10 * | Pine MS | KCS | | 640 | 2 | | 640 | 2 | | 19 | 107.3 | |
| 11 * | Houston MS | KCS | | 650 | 2 | | 0 | 0 | | | 110.4 | |

133 R NA102 2 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0 0 0 0

Effecti ve 2/12/97 Expira tion ##### Operat Mo Tu We Th es: Fr

— Ariv — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|------------------|----------|----|------|-----|----|------|-----|------|-------|-------|-------------------|
| 1 * | Houston MS | KCS | | 0 | 0 | | 635 | 0 | 30 | 19 | 0 | |
| 2 * | Pine MS | KCS | | 645 | 0 | | 645 | 0 | | 20 | 3.1 | |
| 3 * | Houlka MS | KCS | | 705 | 0 | | 705 | 0 | | 18 | 9.9 | |
| 4 * | Pontotoc MS | KCS | | 755 | 0 | | 755 | 0 | | 23 | 24.9 | |
| 5 * | Ecrum MS | KCS | | 815 | 0 | | 815 | 0 | | 19 | 32.6 | |
| 6 * | New Albany MS | KCS | | 850 | 0 | | 850 | 0 | | 19 | 43.7 | |
| 7 * | Blue Mountain MS | KCS | | 930 | 0 | | 930 | 0 | | 19 | 56.3 | |
| 8 * | Ripley MS | KCS | | 950 | 0 | | 950 | 0 | | 19 | 62.5 | |
| 9 * | Corinth MS | KCS | | 1225 | 0 | | 0 | 0 | | | 110.4 | |

134 R NO201 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0 0 0

Effecti ve 3/7/97 Expira tion ##### Operat Mo Tu We Th Fr Sa es:

— Ariv — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | New Orleans LA | KCS | | 0 | 0 | | 100 | 0 | | 8 | 0 | |
| 2 * | Kenner LA | KCS | | 150 | 0 | | 150 | 0 | | 7 | 6.9 | |
| 3 * | Frellsen LA | KCS | | 215 | 0 | | 215 | 0 | | 23 | 9.9 | |
| 4 * | Norco LA | KCS | | 235 | 0 | | 235 | 0 | | 18 | 17.6 | |
| 5 * | Montegut LA | KCS | | 300 | 0 | | 300 | 0 | | 26 | 25 | |

| | | | | | | | | |
|------|-----------------|-----|-----|---|-----|---|----|------|
| 6 * | Reserve LA | KCS | 310 | 0 | 310 | 0 | 19 | 29.3 |
| 7 * | Garyville LA | KCS | 315 | 0 | 315 | 0 | 20 | 30.9 |
| 8 * | Gramercy LA | KCS | 330 | 0 | 330 | 0 | 19 | 36 |
| 9 * | McElroy LA | KCS | 355 | 0 | 355 | 0 | 30 | 43.8 |
| 10 * | Barmen LA | KCS | 400 | 0 | 430 | 0 | 16 | 46.3 |
| 11 * | Sorrento LA | KCS | 440 | 0 | 440 | 0 | 20 | 49 |
| 12 * | Gonzales LA | KCS | 455 | 0 | 455 | 0 | 22 | 53.9 |
| 13 * | Prairieville LA | KCS | 510 | 0 | 510 | 0 | 18 | 59.4 |
| 14 * | Kleinpeter LA | KCS | 525 | 0 | 525 | 0 | 9 | 64 |
| 15 * | Essen LA | KCS | 605 | 0 | 605 | 0 | 8 | 69.7 |
| 16 * | Baton Rouge LA | KCS | 655 | 0 | 0 | 0 | | 76.3 |

135 R NO201 2 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effective 3/7/97 Expiration ##### Operat Mo Tu We Th Fr Sa es:

| # | Location | Railroad | --- Ariv --- | | --- Sta Dept -- | | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|------|-----------------|----------|--------------|------|-----------------|----|------|-----|------|-------|------|-----------------------|
| | | | TZ | Time | Day | TZ | | | | | | |
| 1 * | Baton Rouge LA | KCS | | 0 | 0 | | 1300 | 0 | | 8 | 0 | |
| 2 * | Essen LA | KCS | | 1350 | 0 | | 1350 | 0 | | 9 | 6.6 | |
| 3 * | Kleinpeter LA | KCS | | 1430 | 0 | | 1430 | 0 | | 18 | 12.3 | |
| 4 * | Prairieville LA | KCS | | 1445 | 0 | | 1445 | 0 | | 22 | 16.9 | |
| 5 * | Gonzales LA | KCS | | 1500 | 0 | | 1500 | 0 | | 20 | 22.4 | |
| 6 * | Sorrento LA | KCS | | 1515 | 0 | | 1515 | 0 | | 16 | 27.3 | |
| 7 * | Barmen LA | KCS | | 1525 | 0 | | 1525 | 0 | | 30 | 30 | |
| 8 * | McElroy LA | KCS | | 1530 | 0 | | 1530 | 0 | | 19 | 32.5 | |
| 9 * | Gramercy LA | KCS | | 1555 | 0 | | 1555 | 0 | | 20 | 40.3 | |
| 10 * | Garyville LA | KCS | | 1610 | 0 | | 1610 | 0 | | 19 | 45.4 | |
| 11 * | Reserve LA | KCS | | 1615 | 0 | | 1615 | 0 | | 17 | 47 | |
| 12 * | Montegut LA | KCS | | 1630 | 0 | | 1630 | 0 | | 22 | 51.3 | |
| 13 * | Norco LA | KCS | | 1650 | 0 | | 1650 | 0 | | 18 | 58.7 | |
| 14 * | Frellesen LA | KCS | | 1715 | 0 | | 1715 | 0 | | 9 | 66.4 | |
| 15 * | Kenner LA | KCS | | 1735 | 0 | | 1735 | 0 | | 8 | 69.4 | |
| 16 * | New Orleans LA | KCS | | 1825 | 0 | | 0 | 0 | | | 76.3 | |

136 R NR101 1 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0

Effective 1/22/97 Expiration ##### Operat Su Mo Tu We Th Fr Sa es:

| # | Location | Railroad | --- Ariv --- | | --- Sta Dept -- | | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|----------|----------|--------------|------|-----------------|----|------|-----|------|-------|------|-----------------------|
| | | | TZ | Time | Day | TZ | | | | | | |
| 1 * | Norco LA | KCS | | 0 | 0 | | 800 | 0 | 100 | 10 | 0 | Fuel Work |

| Crew Insp | | | | | | | | | | |
|-----------|--------------|-----|------|---|------|---|-----|----|------|--|
| 2 * | Montegut LA | KCS | 845 | 0 | 915 | 0 | 30 | 10 | 7.4 | |
| 3 * | Reserve LA | KCS | 940 | 0 | 1040 | 0 | 100 | 10 | 11.7 | |
| 4 * | Garyville LA | KCS | 1050 | 0 | 1120 | 0 | 30 | 10 | 13.3 | |
| 5 * | Gramercy LA | KCS | 1150 | 0 | 1220 | 0 | 30 | 10 | 18.4 | |
| 6 * | Garyville LA | KCS | 1250 | 0 | 1320 | 0 | 30 | 10 | 23.5 | |
| 7 * | Reserve LA | KCS | 1330 | 0 | 1430 | 0 | 100 | 9 | 25.1 | |
| 8 * | Montegut LA | KCS | 1500 | 0 | 1520 | 0 | 20 | 11 | 29.4 | |
| 9 * | Norco LA | KCS | 1600 | 0 | 0 | 0 | 100 | 10 | 36.8 | |

137 R NR102 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0 0

Effecti ve 1/22/97 Expira tion ##### Operat Mo Tu We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|--------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Norco LA | KCS | | 0 | 0 | | 900 | 0 | 100 | 10 | 0 | Fuel Work Crew Insp |
| 2 * | Montegut LA | KCS | | 945 | 0 | | 1015 | 0 | 30 | 10 | 7.4 | |
| 3 * | Reserve LA | KCS | | 1040 | 0 | | 1140 | 0 | 100 | 10 | 11.7 | |
| 4 * | Garyville LA | KCS | | 1150 | 0 | | 1220 | 0 | 30 | 10 | 13.3 | |
| 5 * | Gramercy LA | KCS | | 1250 | 0 | | 1320 | 0 | 30 | 10 | 18.4 | |
| 6 * | Garyville LA | KCS | | 1350 | 0 | | 1420 | 0 | 30 | 10 | 23.5 | |
| 7 * | Reserve LA | KCS | | 1430 | 0 | | 1530 | 0 | 100 | 9 | 25.1 | |
| 8 * | Montegut LA | KCS | | 1600 | 0 | | 1620 | 0 | 20 | 11 | 29.4 | |
| 9 * | Norco LA | KCS | | 1700 | 0 | | 0 | 0 | 100 | 10 | 36.8 | |

138 R NR103 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0 0 0

Effecti ve 1/22/97 Expira tion ##### Operat Mo Tu We Th es: Fr

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|--------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Norco LA | KCS | | 0 | 0 | | 1630 | 0 | 100 | 10 | 0 | Fuel Work Crew Insp |
| 2 * | Montegut LA | KCS | | 1715 | 0 | | 1745 | 0 | 30 | 10 | 7.4 | |
| 3 * | Reserve LA | KCS | | 1810 | 0 | | 1910 | 0 | 100 | 10 | 11.7 | |
| 4 * | Garyville LA | KCS | | 1920 | 0 | | 1950 | 0 | 30 | 10 | 13.3 | |
| 5 * | Gramercy LA | KCS | | 2020 | 0 | | 2050 | 0 | 30 | 9 | 18.4 | |
| 6 * | McElroy LA | KCS | | 2140 | 0 | | 2210 | 0 | 30 | 10 | 26.2 | |
| 7 * | Gramercy LA | KCS | | 2255 | 0 | | 2325 | 0 | 30 | 10 | 34 | |
| 8 * | Garyville LA | KCS | | 2355 | 0 | | 25 | 1 | 30 | 10 | 39.1 | |
| 9 * | Reserve LA | KCS | | 35 | 1 | | 135 | 1 | 100 | 10 | 40.7 | |
| 10 * | Montegut LA | KCS | | 200 | 1 | | 220 | 1 | 20 | 10 | 45 | |

| | | | | | | | | | |
|------|----------|-----|-----|---|---|---|-----|----|------|
| 11 * | Norco LA | KCS | 305 | 1 | 0 | 0 | 100 | 10 | 52.4 |
|------|----------|-----|-----|---|---|---|-----|----|------|

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| 139 R NW101 | 1 Local,Dodgers ,Turn | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| Effecti ve | 5/ 9/97 | Expira tion | ##### | Operat es: | Mo | Tu | We | Th | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|---------------|----------|----|------|-----|----|------|-----|------|-------|------|----------------------|
| 1 * | Newton MS | KCS | | 0 | 0 | | 800 | 0 | 100 | 16 | 0 | |
| 2 * | Doolittle MS | KCS | | 815 | 0 | | 815 | 0 | | 20 | 4.1 | |
| 3 * | Jeff MS | KCS | | 825 | 0 | | 825 | 0 | | 19 | 7.5 | |
| 4 * | Decatur MS | KCS | | 830 | 0 | | 830 | 0 | | 20 | 9.1 | |
| 5 * | Union MS | KCS | | 900 | 0 | | 1100 | 0 | 200 | 22 | 18.9 | |
| 6 * | Neshoba MS | KCS | | 1110 | 0 | | 1110 | 0 | | 18 | 22.6 | |
| 7 * | Sebastopol MS | KCS | | 1205 | 0 | | 0 | 0 | 100 | | 39 | |

| | | | | | | | | | | | |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|
| 140 R NW101 | 2 Local,Dodgers ,Turn | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|

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| Effecti ve | 5/ 9/97 | Expira tion | ##### | Operat es: | Mo | Tu | We | Th | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|---------------|----------|----|------|-----|----|------|-----|------|-------|------|----------------------|
| 1 * | Sebastopol MS | KCS | | 0 | 0 | | 1400 | 0 | | 19 | 0 | |
| 2 * | Union MS | KCS | | 1440 | 0 | | 1640 | 0 | 200 | 20 | 12.7 | |
| 3 * | Decatur MS | KCS | | 1710 | 0 | | 1810 | 0 | 100 | 19 | 22.5 | |
| 4 * | Jeff MS | KCS | | 1815 | 0 | | 1815 | 0 | | 20 | 24.1 | |
| 5 * | Doolittle MS | KCS | | 1825 | 0 | | 1825 | 0 | | 16 | 27.5 | |
| 6 * | Newton MS | KCS | | 1840 | 0 | | 0 | 0 | 120 | | 31.6 | |

| | | | | | | | | | | | |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|
| 141 R NW102 | 1 Local,Dodgers ,Turn | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------|--------------------------|---|---|---|---|---|---|---|---|---|---|

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| Effecti ve | 6/24/97 | Expira tion | ##### | Operat es: | Mo | Tu | We | Th | Fr | Sa |
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| — Ariv — | — Sta Dept — |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-----------------|----------|----|------|-----|----|------|-----|------|-------|------|----------------------|
| 1 * | Philadelphia MS | KCS | | 0 | 0 | | 1300 | 0 | | | 0 | |
| 2 * | Deweese MS | KCS | | 1300 | 1 | | 1300 | 1 | | 29 | 1 | |
| 3 * | McDonald MS | KCS | | 1315 | 1 | | 1315 | 1 | | 34 | 8.2 | |
| 4 * | Neshoba MS | KCS | | 1320 | 1 | | 1320 | 1 | | 23 | 11 | |
| 5 * | Hill Track | KCS | | 1325 | 1 | | 1325 | 1 | | 22 | 12.9 | |

| | | MS | | | | | | | |
|------|--------------|-----|------|---|------|---|----|------|--|
| 6 * | Union MS | KCS | 1330 | 1 | 1330 | 1 | 29 | 14.7 | |
| 7 * | Decatur MS | KCS | 1350 | 1 | 1350 | 1 | 19 | 24.5 | |
| 8 * | Jeff MS | KCS | 1355 | 1 | 1355 | 1 | 41 | 26.1 | |
| 9 * | Doolittle MS | KCS | 1400 | 1 | 1400 | 1 | 25 | 29.5 | |
| 10 * | Newton MS | KCS | 1410 | 1 | 0 | 0 | | 33.6 | |

142 R
NW102 2 Local,Dodgers
,Turn 6 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|--------------------|----------|----|------|-----|----|------|-----|------|-------|------|------------------------|
| 1 * | Newton MS | KCS | | 0 | 0 | | 1600 | 0 | | 16 | 0 | Fuel Work Crew Insp |
| 2 * | Doolittle MS | KCS | | 1615 | 0 | | 1615 | 0 | | 20 | 4.1 | Work |
| 3 * | Jeff MS | KCS | | 1625 | 0 | | 1625 | 0 | | 19 | 7.5 | |
| 4 * | Decatur MS | KCS | | 1630 | 0 | | 1630 | 0 | | 20 | 9.1 | |
| 5 * | Union MS | KCS | | 1700 | 0 | | 1700 | 0 | | 22 | 18.9 | |
| 6 * | Hill Track MS | KCS | | 1705 | 0 | | 1705 | 0 | | 23 | 20.7 | |
| 7 * | Neshoba MS | KCS | | 1710 | 0 | | 1710 | 0 | | 17 | 22.6 | |
| 8 * | McDonald MS | KCS | | 1720 | 0 | | 1720 | 0 | | 17 | 25.4 | |
| 9 * | Deweese MS | KCS | | 1745 | 0 | | 1745 | 0 | | | 32.6 | |
| 10 * | Philadelphia MS | KCS | | 1745 | 1 | | 0 | 0 | | | 33.6 | |

143 R
NW201 1 Local,Dodgers
,Turn 5 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|----|------|-----|----|------|-----|------|-------|------|------------------------|
| 1 * | Newton MS | KCS | | 0 | 0 | | 1800 | 0 | | 1 | 0 | Fuel Work Crew Insp |
| 2 * | Roberts MS | KCS | | 2330 | 0 | | 2330 | 0 | | 18 | 8 | |
| 3 * | Montrose MS | KCS | | 2355 | 0 | | 2355 | 0 | | 17 | 15.4 | |
| 4 * | Louin MS | KCS | | 10 | 1 | | 10 | 1 | | 24 | 19.7 | |
| 5 * | Stevens MS | KCS | | 20 | 1 | | 20 | 1 | | 17 | 23.7 | |
| 6 * | Bay Springs MS | KCS | | 30 | 1 | | 0 | 0 | 30 | | 26.5 | |

144 R
NW201 2 Local,Dodgers
,Turn 5 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Dept - | | Time | Day | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|--------|----|------|-----|------|-----|------|-------|------|-------------------|
| | | | | Day | TZ | | | | | | | | |
| 1 * | Bay Springs MS | KCS | | 0 | 0 | | | 100 | 0 | 30 | 17 | 0 | |
| 2 * | Stevens MS | KCS | | 110 | 0 | | | 140 | 0 | 30 | 24 | 2.8 | |
| 3 * | Louin MS | KCS | | 150 | 0 | | | 220 | 0 | 30 | 17 | 6.8 | |
| 4 * | Montrose MS | KCS | | 235 | 0 | | | 305 | 0 | 30 | 18 | 11.1 | |
| 5 * | Roberts MS | KCS | | 330 | 0 | | | 400 | 0 | 30 | 19 | 18.5 | |
| 6 * | Newton MS | KCS | | 425 | 0 | | | 0 | 0 | 100 | | 26.5 | |

145 R
NW301 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0

Effecti ve 12/29/9 6 Expira tion Operat Mo Tu We Th Fr Sa es:

| # | Location | Railroad | TZ | — Ariv — | | Time | Day | — Sta Dept — | | Time | Speed | Dist | — Yard Activity — |
|------|-----------------|----------|----|----------|----|------|-----|--------------|-----|------|-------|------|-------------------|
| | | | | Day | TZ | | | Dept | Day | | | | |
| 1 * | Newton MS | KCS | | 0 | 0 | CST | | 30 | 0 | 100 | 16 | 0 | Work |
| 2 * | Lawrence MS | KCS | | 45 | 0 | | | 45 | 0 | | 23 | 4.1 | |
| 3 * | Lake MS | KCS | | 100 | 0 | | | 100 | 0 | | 17 | 9.9 | |
| 4 * | Forest MS | KCS | | 130 | 0 | | | 130 | 0 | | 22 | 18.6 | Work |
| 5 * | Raworth MS | KCS | | 145 | 0 | | | 145 | 0 | | 22 | 24.1 | |
| 6 * | Morton MS | KCS | | 200 | 0 | | | 200 | 0 | | 18 | 29.5 | |
| 7 * | Pelahatchie MS | KCS | | 230 | 0 | | | 230 | 0 | | 20 | 38.3 | Work |
| 8 * | Rankin MS | KCS | | 250 | 0 | | | 250 | 0 | | 20 | 45 | Work |
| 9 * | Brandon MS | KCS | | 305 | 0 | | | 305 | 0 | | 18 | 50.1 | Work |
| 10 * | Greenfield MS | KCS | | 320 | 0 | | | 320 | 0 | | 18 | 54.5 | |
| 11 * | Whitfield MS | KCS | | 325 | 0 | | | 325 | 0 | | 15 | 56 | |
| 12 * | Jackson Yard MS | KCS | | 340 | 0 | | | 440 | 0 | 100 | 8 | 59.8 | Work |
| 13 * | Jackson MS | KCS | | 520 | 0 | | | 0 | 0 | | | | 65.1 |

146 R
NW301 2 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0 0

Effecti ve 1/17/97 7 Expira tion Operat Mo Tu We Th Fr Sa es:

| # | Location | Railroad | TZ | — Ariv — | | Time | Day | — Sta Dept — | | Time | Speed | Dist | — Yard Activity — |
|-----|-----------------|----------|----|----------|----|------|-----|--------------|-----|------|-------|------|-------------------|
| | | | | Day | TZ | | | Dept | Day | | | | |
| 1 * | Jackson MS | KCS | | 0 | 0 | | | 525 | 0 | | 8 | 0 | Work Crew |
| 2 * | Jackson Yard MS | KCS | | 605 | 0 | | | 635 | 0 | 30 | 23 | 5.3 | Work |
| 3 * | Whitfield MS | KCS | | 645 | 0 | | | 645 | 0 | | 18 | 9.1 | |
| 4 * | Greenfield MS | KCS | | 650 | 0 | | | 650 | 0 | | 18 | 10.6 | |
| 5 * | Brandon MS | KCS | | 705 | 0 | | | 705 | 0 | | 20 | 15 | |
| 6 * | Rankin MS | KCS | | 720 | 0 | | | 720 | 0 | | 16 | 20.1 | |

| | | | | | | | | |
|------|----------------|-----|-----|---|-----|---|----|-----------|
| 7 * | Pelahatchie MS | KCS | 745 | 0 | 745 | 0 | 21 | 26.8 |
| 8 * | Morton MS | KCS | 810 | 0 | 810 | 0 | 16 | 35.6 Work |
| 9 * | Raworth MS | KCS | 830 | 0 | 830 | 0 | 22 | 41 |
| 10 * | Forest MS | KCS | 845 | 0 | 845 | 0 | 21 | 46.5 Work |
| 11 * | Lake MS | KCS | 910 | 0 | 910 | 0 | 17 | 55.2 |
| 12 * | Lawrence MS | KCS | 930 | 0 | 930 | 0 | 16 | 61 |
| 13 * | Newton MS | KCS | 945 | 0 | 0 | 0 | | 65.1 |

147 R PB201 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti 7/18/97 ve Expira ##### Operat Mo Tu We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|--------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Pittsburg KS | KCS | | 0 | 0 | | 1000 | 0 | | 10 | 0 | Fuel Work Crew Insp |
| 2 * | Empire KS | KCS | | 1035 | 0 | | 1035 | 0 | | 10 | 5.7 | |
| 3 * | Pittsburg KS | KCS | | 1110 | 0 | | 0 | 0 | | | 11.4 | |

148 R SH101 1 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0

Effecti 8/ 9/97 ve Expira ##### Operat Su Mo Tu We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-------------------|----------|----|------|-----|----|------|-----|------|-------|------|---------------------|
| 1 * | Shreveport LA | KCS | | 0 | 0 | | 800 | 0 | 100 | 9 | 0 | Fuel Work Crew Insp |
| 2 * | Texas Junction | KCS | | 830 | 0 | | 830 | 0 | | 22 | 4.3 | |
| 3 * | Hammock LA | KCS | | 840 | 0 | | 840 | 0 | | 18 | 8 | |
| 4 * | Fox TX | KCS | | 925 | 0 | | 925 | 0 | | 18 | 21.6 | |
| 5 * | Jefferson TX | KCS | | 1010 | 0 | | 1010 | 0 | | 20 | 35.3 | |
| 6 * | Lassater TX | KCS | | 1045 | 0 | | 1045 | 0 | | 18 | 47.1 | |
| 7 * | Hughes Springs TX | KCS | | 1135 | 0 | | 0 | 0 | | | 62.3 | Work |

149 R SH101 2 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0

Effecti 8/ 9/97 ve Expira ##### Operat Su Mo Tu We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------|----------|----|------|-----|-----|------|-----|------|-------|------|-------------------|
| 1 * | Hughes | KCS | | 0 | 0 | CST | 1435 | 0 | | 18 | 0 | Work |

| | | | | | | | | | |
|-----|----------------|-----|------|---|------|---|----|------|--|
| 2 * | Spring TX | | | | | | | | |
| 3 * | Lassater TX | KCS | 1525 | 0 | 1525 | 0 | 20 | 15.2 | |
| | Jefferson | KCS | 1600 | 0 | 1600 | 0 | 18 | 27 | |
| | TX | | | | | | | | |
| 4 * | Fox TX | KCS | 1645 | 0 | 1645 | 0 | 20 | 40.7 | |
| 5 * | Hammock LA | KCS | 1725 | 0 | 1725 | 0 | 15 | 54.3 | |
| 6 * | Texas Junction | KCS | 1740 | 0 | 1740 | 0 | 9 | 58 | |
| 7 * | Shreveport LA | KCS | 1810 | 0 | 0 | 0 | | 62.3 | |

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| | | --- Ariv --- | | --- Sta Dept -- | | | | | | | | |
|-----|-------------------|--------------|----|-----------------|-----|----|------|-----|------|-------|------|-----------------------|
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
| 1 * | Shreveport LA | KCS | | 0 | 0 | | 1900 | 0 | 100 | 7 | 0 | Fuel Work Crew Insp |
| 2 * | Harriet Street LA | KCS | | 1920 | 0 | | 2020 | 0 | 100 | 12 | 2.4 | |
| 3 * | Frierson LA | KCS | | 2200 | 0 | | 2200 | 0 | | 25 | 23 | |
| 4 * | Bayou Pierre LA | KCS | | 2210 | 0 | | 0 | 0 | | | 27.2 | |

151 R SH201 2 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0 0

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|-----|-------------------|--------------|----|-----------------|-----|----|------|-----|------|-------|------|-----------------------|
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
| 1 * | Bayou Pierre LA | KCS | | 0 | 0 | | 2230 | 0 | | 25 | 0 | |
| 2 * | Frierson LA | KCS | | 2240 | 0 | | 2240 | 0 | | 12 | 4.2 | |
| 3 * | Harriet Street LA | KCS | | 20 | 1 | | 20 | 1 | | 7 | 24.8 | |
| 4 * | Shreveport LA | KCS | | 40 | 1 | | 0 | 0 | | | 27.2 | |

152 R SHDQ1 1 Local,Dodgers ,Turn 7 0 0 0 0 0 0 0 0

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|-----|------------|--------------|----|-----------------|-----|----|------|-----|------|-------|------|-----------------------|
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
| 1 * | Shreveport | KCS | | 0 | 0 | | 1800 | 0 | | 9 | 0 | Fuel Work |

| | | | | | | | | | | |
|------|-----------------|-----|------|---|------|---|-----|-------|-------|-----------|
| | | | | | | | | | | Crew Insp |
| 2 * | LA Blanchard | KCS | 1835 | 0 | 1835 | 0 | 20 | 5 | | |
| 3 * | LA Shoreline | KCS | 1925 | 0 | 1925 | 0 | 20 | 21.5 | | |
| 4 * | LA Sandra | KCS | 2010 | 0 | 2010 | 0 | 19 | 36.5 | | |
| 5 * | Jury TX | KCS | 2125 | 0 | 2125 | 0 | 24 | 60.5 | | |
| 6 * | Texarkana | KCS | 2140 | 0 | 2140 | 0 | 17 | 66.4 | | |
| | TX | | | | | | | | | |
| 7 * | Ashdown | KCS | 2240 | 0 | 2340 | 0 | 100 | 19 | 83.1 | Work |
| | AR | | | | | | | | | |
| 8 * | Gifford Hill | KCS | 10 | 1 | 40 | 1 | 30 | 25 | 92.4 | Work |
| | Spur | | | | | | | | | |
| 9 * | Wilton AR | KCS | 45 | 1 | 45 | 1 | 21 | 94.5 | | |
| 10 * | Winthrop | KCS | 125 | 1 | 125 | 1 | 19 | 108.2 | | |
| | AR | | | | | | | | | |
| 11 * | Wade AR | KCS | 200 | 1 | 200 | 1 | 21 | 119.3 | | |
| 12 * | DeQueen | KCS | 215 | 1 | 0 | 0 | | | 124.6 | |
| | AR | | | | | | | | | |

153 R SP101 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|-----------------------|----------|----|------|-----|----|------|-----|------|-------|------|------------------------|
| 1 * | Sulphur Springs TX | KCS | | 0 | 0 | | 1200 | 0 | 200 | 16 | 0 | Fuel Work Crew Insp |
| 2 * | Tugco TX | KCS | | 1215 | 0 | | 1215 | 0 | | 18 | 4.1 | |
| 3 * | Thermo TX | KCS | | 1220 | 0 | | 1320 | 0 | 100 | 20 | 5.6 | Work |
| 4 * | Eser TX | KCS | | 1415 | 0 | | 1415 | 0 | | 18 | 23.9 | |
| 5 * | Tidewater | KCS | | 1430 | 0 | | 1430 | 0 | | 21 | 28.3 | |
| 6 * | Newsome | KCS | | 1440 | 0 | | 1440 | 0 | | 19 | 31.8 | |
| 7 * | Leesburg | KCS | | 1450 | 0 | | 1450 | 0 | | 18 | 34.9 | |
| 8 * | Monticello | KCS | | 1505 | 0 | | 1505 | 0 | | 16 | 39.3 | |
| 9 * | Pittsburg TX | KCS | | 1515 | 0 | | 1515 | 0 | | 20 | 42 | |
| 10 * | Veals TX | KCS | | 1615 | 0 | | 1615 | 0 | | 13 | 61.9 | |
| 11 * | Hughes Springs TX | KCS | | 1625 | 0 | | 0 | 0 | | | 64 | |

154 R SP101 2 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Hughes Springs TX | KCS | | 0 | 0 | | 1630 | 0 | | 19 | 0 | |
| 2 * | Pittsburg TX | KCS | | 1740 | 0 | | 1740 | 0 | | 16 | 22 | |
| 3 * | Monticello | KCS | | 1750 | 0 | | 1820 | 0 | 30 | 18 | 24.7 | Work |

| | | | | | | | | |
|------|--------------------------------|-----|------|---|------|---|----|--------------|
| 4 * | TX Leesburg | KCS | 1835 | 0 | 1835 | 0 | 19 | 29.1 |
| 5 * | TX Newsome | KCS | 1845 | 0 | 1845 | 0 | 21 | 32.2 |
| 6 * | TX Tidewater | KCS | 1855 | 0 | 1855 | 0 | 18 | 35.7 |
| 7 * | Eser TX | KCS | 1910 | 0 | 1910 | 0 | 20 | 40.1 |
| 8 * | Thermo TX | KCS | 2005 | 0 | 2035 | 0 | 30 | 18 58.4 Work |
| 9 * | Tugco TX | KCS | 2040 | 0 | 2040 | 0 | 16 | 59.9 |
| 10 * | Sulphur | KCS | 2055 | 0 | 2055 | 0 | 19 | 64 |
| 11 * | TX Springs TX Greenville | KCS | 2235 | 0 | 0 | 0 | | 95.3 |

155 R
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|-------------------|----------|----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Siloam Springs AR | KCS | | 0 | 0 | | 1800 | 0 | | 19 | 0 | Fuel Work Crew Insp |
| 2 * | Noel MO | KCS | | 1930 | 0 | | 1950 | 0 | 20 | 18 | 28.6 | |
| 3 * | Gravette AR | KCS | | 2020 | 0 | | 2040 | 0 | 20 | 18 | 37.8 | |
| 4 * | Peterson AR | KCS | | 2100 | 0 | | 2120 | 0 | 20 | | 43.8 | |
| 5 * | Decatur AR | KCS | | 2120 | 1 | | 2140 | 1 | 20 | 17 | 44.9 | |
| 6 * | Gentry AR | KCS | | 2200 | 1 | | 2220 | 1 | 20 | | 50.4 | |
| 7 * | Flint Creek AR | KCS | | 2220 | 2 | | 2240 | 2 | 20 | 17 | 51.6 | |
| 8 * | Siloam Springs AR | KCS | | 2300 | 2 | | 2320 | 2 | 20 | 20 | 57.2 | |
| 9 * | Watts OK | KCS | | 2340 | 2 | | 0 | 0 | 100 | | 63.9 | |

156 R
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|-----|-------------------|----------|----|------|-----|----|------|-----|------|-------|------|-----------------------|
| 1 * | Watts OK | KCS | | 0 | 0 | | 1240 | 0 | | 20 | 0 | |
| 2 * | Siloam Springs AR | KCS | | 1300 | 0 | | 1300 | 0 | | 17 | 6.7 | |
| 3 * | Flint Creek AR | KCS | | 1320 | 0 | | 1320 | 0 | | | 12.3 | |
| 4 * | Gentry AR | KCS | | 1320 | 1 | | 1320 | 1 | | 17 | 13.5 | |
| 5 * | Decatur AR | KCS | | 1340 | 1 | | 1340 | 1 | | | 19 | |
| 6 * | Peterson AR | KCS | | 1340 | 2 | | 1340 | 2 | | 18 | 20.1 | |
| 7 * | Gravette AR | KCS | | 1400 | 2 | | 1400 | 2 | | 18 | 26.1 | |
| 8 * | Noel MO | KCS | | 1430 | 2 | | 0 | 0 | 20 | | 35.3 | |

157 R
SW101 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Sallisaw OK | KCS | | 0 | 0 | | 800 | 0 | 20 | | | 0 Work Crew Insp |
| 2 * | SLSAW-UP | KCS | | 800 | 1 | | 800 | 1 | | | | 1 |
| 3 * | Sallisaw OK | KCS | | 800 | 2 | | 800 | 2 | | | | 2 |
| 4 * | SLSAW-RAMP | KCS | | 800 | 3 | | 800 | 3 | | | | 3 |
| 5 * | Sallisaw OK | KCS | | 800 | 4 | | 800 | 4 | | 20 | | 4 |
| 6 * | Marble City OK | KCS | | 830 | 4 | | 850 | 4 | 20 | 19 | | 14 |
| 7 * | Bunch OK | KCS | | 920 | 4 | | 940 | 4 | 20 | 18 | | 23.4 |
| 8 * | Stilwell OK | KCS | | 1025 | 4 | | 1045 | 4 | 20 | 20 | | 36.9 |
| 9 * | Baron OK | KCS | | 1110 | 4 | | 1130 | 4 | 20 | 17 | | 45.1 |
| 10 * | Westville OK | KCS | | 1150 | 4 | | 1210 | 4 | 20 | 20 | | 50.7 |
| 11 * | Hudson OK | KCS | | 1220 | 4 | | 1240 | 4 | 20 | 20 | | 54.1 |
| 12 * | Watts OK | KCS | | 1255 | 4 | | 0 | 0 | | | | 59.1 |

158 R
SW101 2 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

Effecti ve 2/ 3/97 Expira tion ##### Operat Mo Tu We Th Fr es:

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|----------------|----------|----|------|-----|----|------|-----|------|-------|------|-------------------|
| 1 * | Watts OK | KCS | | 0 | 0 | | 1330 | 0 | | 20 | | 0 |
| 2 * | Hudson OK | KCS | | 1345 | 0 | | 1345 | 0 | | 20 | | 5 |
| 3 * | Westville OK | KCS | | 1355 | 0 | | 1355 | 0 | | 17 | | 8.4 |
| 4 * | Baron OK | KCS | | 1415 | 0 | | 1415 | 0 | | 20 | | 14 |
| 5 * | Stilwell OK | KCS | | 1440 | 0 | | 1440 | 0 | | 18 | | 22.2 |
| 6 * | Bunch OK | KCS | | 1525 | 0 | | 1525 | 0 | | 19 | | 35.7 |
| 7 * | Marble City OK | KCS | | 1555 | 0 | | 1555 | 0 | | 20 | | 45.1 |
| 8 * | Sallisaw OK | KCS | | 1625 | 0 | | 0 | 0 | | | | 55.1 |

159 R
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Effecti ve 3/ 7/97 Expira tion ##### Operat Mo Tu We Th Fr Sa es:

— Ariv — — Sta Dept —

| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|---------------|----------|----|------|-----|-----|------|-----|------|-------|------|-----------------------|
| 1 * | Tuscaloosa AL | KCS | | 0 | 0 | CST | 1800 | 0 | 100 | 8 | | 0 Fuel Work Crew Insp |

| | | | | | | | | | |
|-----|---------------|-----|------|---|------|---|-----|----|-----------|
| 2 * | Holt AL | KCS | 1845 | 0 | 1850 | 0 | 5 | 8 | 5.9 |
| 3 * | Fox AL | KCS | 1905 | 0 | 1910 | 0 | 5 | 8 | 8 |
| 4 * | Howton AL | KCS | 2045 | 0 | 2050 | 0 | 5 | 8 | 20.8 |
| 5 * | Brookwood AL | KCS | 2115 | 0 | 2125 | 0 | 10 | 6 | 24.3 |
| 6 * | BRKWA-CSXT | KCS | 2135 | 0 | 2145 | 0 | 10 | 20 | 25.3 |
| 7 * | Birmingham AL | KCS | 2330 | 0 | 2350 | 0 | 20 | 4 | 59.6 Work |
| 8 * | BHAM-CSXT | KCS | 5 | 1 | 35 | 1 | 30 | 6 | 60.6 Work |
| 9 * | Birmingham AL | KCS | 45 | 1 | 0 | 0 | 100 | | 61.6 |

160 R 2 Local,Dodgers
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|-----|---------------|----------|--------------|------|-----------------|----|------|-----|------|-------|------|-------------------|
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Birmingham AL | KCS | | 0 | 0 | | 100 | 1 | | 19 | 0 | Work |
| 2 * | BRKWA-CSXT | KCS | | 250 | 1 | | 250 | 1 | | 12 | 34.3 | |
| 3 * | Brookwood AL | KCS | | 255 | 1 | | 255 | 1 | | 8 | 35.3 | |
| 4 * | Howton AL | KCS | | 320 | 1 | | 320 | 1 | | 8 | 38.8 | |
| 5 * | Fox AL | KCS | | 455 | 1 | | 455 | 1 | | 6 | 51.6 | |
| 6 * | Holt AL | KCS | | 515 | 1 | | 515 | 1 | | 9 | 53.7 | |
| 7 * | Tuscaloosa AL | KCS | | 555 | 1 | | 0 | 0 | | | 59.6 | |

161 R 1 Local,Dodgers
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|-----|-------------|----------|--------------|------|-----------------|----|------|-----|------|-------|------|---------------------|
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
| 1 * | Tupelo MS | KCS | | 0 | 0 | | 800 | 0 | | | 0 | Fuel Work Crew Insp |
| 2 * | TUPEL-BN | KCS | | 800 | 1 | | 800 | 1 | | | 0 | |
| 3 * | Tupelo MS | KCS | | 800 | 2 | | 800 | 2 | | 15 | 0 | |
| 4 * | Saltillo MS | KCS | | 835 | 2 | | 835 | 2 | | 14 | 8.5 | |
| 5 * | Guntown MS | KCS | | 855 | 2 | | 855 | 2 | | 15 | 13.3 | |
| 6 * | Baldwyn MS | KCS | | 915 | 2 | | 0 | 0 | 300 | | 18.4 | |

162 R 2 Local,Dodgers
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|-----------------------------|-------------------|----------|-----------------------|-------|---------------------------------|----|------|-----|------|-------|------|-----------------------|
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
| 1 * | Baldwyn MS | KCS | | 0 | 0 | | 1200 | 0 | 300 | 20 | 0 | |
| 2 * | Guntown MS | KCS | | 1215 | 0 | | 1315 | 0 | 100 | 19 | 5.1 | |
| 3 * | Saltillo MS | KCS | | 1330 | 0 | | 1430 | 0 | 100 | 17 | 9.9 | |
| 4 * | Tupelo MS | KCS | | 1500 | 0 | | 0 | 0 | 100 | | 18.4 | |
| 163 R | VB101 | | 1 Local,Dodgers ,Turn | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Effecti ve | 2/3/97 | | Expira tion | ##### | Operat Su Mo Tu We Th Fr Sa es: | | | | | | | |
| --- Ariv --- Sta Dept -- | | | | | | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
| 1 * | Vicksburg MS | KCS | | 0 | 0 | | 1200 | 0 | | | 0 | |
| 2 * | National Cemetery | KCS | | 2310 | 0 | | 2310 | 0 | | 7 | 3.6 | |
| 3 * | Kings MS | KCS | | 2320 | 0 | | 2320 | 0 | | 8 | 4.8 | |
| 4 * | Blakely MS | KCS | | 2350 | 0 | | 2350 | 0 | | 8 | 8.7 | |
| 5 * | Redwood MS | KCS | | 5 | 1 | | 0 | 0 | | | 10.8 | Fuel Work Crew Insp |
| 164 R | VB101 | | 2 Local,Dodgers ,Turn | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Effecti ve | 2/3/97 | | Expira tion | ##### | Operat Su Mo Tu We Th Fr Sa es: | | | | | | | |
| --- Ariv --- Sta Dept -- | | | | | | | | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
| 1 * | Redwood MS | KCS | | 0 | 0 | | 5 | 0 | | 8 | 0 | Fuel Work Crew Insp |
| 2 * | Blakely MS | KCS | | 20 | 0 | | 20 | 0 | | 8 | 2.1 | |
| 3 * | Kings MS | KCS | | 50 | 0 | | 50 | 0 | | 7 | 6 | |
| 4 * | National Cemetery | KCS | | 100 | 0 | | 100 | 0 | | 9 | 7.2 | |
| 5 * | Vicksburg MS | KCS | | 125 | 0 | | 0 | 0 | | | 10.8 | |
| 165 R | VB201 | | 1 Local,Dodgers ,Turn | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | |
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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | --- Yard Activity --- |

| | | | | | | | | | |
|-----|-----------------|-----|------|---|------|---|-----|------|-----------|
| 1 * | Vicksburg MS | KCS | 0 | 0 | 2300 | 0 | 20 | 0 | Fuel Work |
| 2 * | Newmans MS | KCS | 2325 | 0 | 2325 | 0 | 14 | 8.4 | Crew Insp |
| 3 * | Bovina MS | KCS | 2335 | 0 | 2335 | 0 | 24 | 10.7 | |
| 4 * | Smiths MS | KCS | 2345 | 0 | 2345 | 0 | 16 | 14.7 | |
| 5 * | Edwards MS | KCS | 0 | 1 | 100 | 1 | 100 | 18 | 18.7 Work |
| 6 * | Bolton MS | KCS | 130 | 1 | 130 | 1 | 19 | 27.6 | |
| 7 * | Clinton MS | KCS | 155 | 1 | 255 | 1 | 100 | 8 | 35.5 Work |
| 8 * | Jackson MS | KCS | 405 | 1 | 405 | 1 | 8 | 44.8 | |
| 9 * | Jackson Yard MS | KCS | 445 | 1 | 0 | 0 | | 50.1 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|-----|-----------------|----------|----|------|-----|----|------|-----|------|-------|-----------|-------------------|
| 1 * | Jackson Yard MS | KCS | | 0 | 0 | | 500 | 1 | | 8 | 0 | |
| 2 * | Jackson MS | KCS | | 540 | 1 | | 540 | 1 | | 8 | 5.3 | |
| 3 * | Clinton MS | KCS | | 650 | 1 | | 750 | 1 | 100 | 19 | 14.6 Work | |
| 4 * | Bolton MS | KCS | | 815 | 1 | | 815 | 1 | | 18 | 22.5 | |
| 5 * | Edwards MS | KCS | | 845 | 1 | | 945 | 1 | 100 | 24 | 31.4 Work | |
| 6 * | Smiths MS | KCS | | 955 | 1 | | 955 | 1 | | 16 | 35.4 | |
| 7 * | Bovina MS | KCS | | 1010 | 1 | | 1010 | 1 | | 28 | 39.4 | |
| 8 * | Newmans MS | KCS | | 1015 | 1 | | 1015 | 1 | | 17 | 41.7 | |
| 9 * | Vicksburg MS | KCS | | 1045 | 1 | | 0 | 0 | | | 50.1 | |

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| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist | — Yard Activity — |
|------|---------------|----------|----|------|-----|-----|------|-----|------|-------|-------|-------------------|
| 1 * | Shreveport LA | KCS | | 0 | 0 | CST | 5 | 0 | | 13 | 0 | |
| 2 * | Frierson LA | KCS | | 150 | 0 | | 150 | 0 | | 28 | 23 | |
| 3 * | Benson LA | KCS | | 250 | 0 | | 250 | 0 | | 27 | 51.2 | |
| 4 * | Leesville LA | KCS | | 510 | 0 | | 510 | 0 | | 27 | 115.1 | |
| 5 * | Fort Polk LA | KCS | | 520 | 0 | | 520 | 0 | | 34 | 119.6 | |
| 6 * | Ludington LA | KCS | | 545 | 0 | | 545 | 0 | | 27 | 133.7 | |
| 7 * | Singer LA | KCS | | 625 | 0 | | 625 | 0 | | 33 | 151.8 | |
| 8 * | DeQuincy LA | KCS | | 650 | 0 | | 650 | 0 | | 55 | 165.7 | |
| 9 * | Helme LA | KCS | | 655 | 0 | | 655 | 0 | | 29 | 170.3 | |
| 10 * | Lucas LA | KCS | | 705 | 0 | | 705 | 0 | | 29 | 175.1 | |

| | | | | | | | | |
|------|----------------|-----|-----|---|-----|---|----|-------|
| 11 * | Ruliff TX | KCS | 730 | 0 | 730 | 0 | 30 | 187.3 |
| 12 * | Vidor TX | KCS | 810 | 0 | 810 | 0 | 34 | 207.1 |
| 13 * | Beaumont TX | KCS | 820 | 0 | 820 | 0 | 21 | 212.7 |
| 14 * | Port Neches TX | KCS | 910 | 0 | 910 | 0 | 20 | 230 |
| 15 * | Port Arthur TX | KCS | 940 | 0 | 0 | 0 | | 240.2 |

168 Y HD101 1 Local,Dodgers ,Turn 1 0 0 0 0 0 0 0

Effecti ve 1/23/97 Expira tion ##### Operat Tu es:

| # | Location | Railroad | --- Ariv --- | | --- Sta Dept -- | | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|---|----------|----------|--------------|------|-----------------|----|------|-----|------|-------|------|-----------------------|
| | | | TZ | Time | Day | TZ | | | | | | |

| | | | | | | | | | | | | |
|-----|-----------|-----|--|-----|---|--|-----|---|--|--|--|-----------------------|
| 1 * | Hodge LA | KCS | | 0 | 0 | | 900 | 0 | | | | 0 Fuel Work Crew Insp |
| 2 * | HODGE IND | KCS | | 900 | 1 | | 900 | 1 | | | | 0 |
| 3 * | Hodge LA | KCS | | 900 | 2 | | 0 | 0 | | | | 0 |

169 Y HD201 1 Local,Dodgers ,Turn 5 0 0 0 0 0 0 0

Effecti ve 1/23/97 Expira tion ##### Operat Su Mo Tu We es: Th

| # | Location | Railroad | --- Ariv --- | | --- Sta Dept -- | | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|---|----------|----------|--------------|------|-----------------|----|------|-----|------|-------|------|-----------------------|
| | | | TZ | Time | Day | TZ | | | | | | |

| | | | | | | | | | | | | |
|-----|-----------|-----|--|------|---|--|------|---|--|--|--|-----------------------|
| 1 * | Hodge LA | KCS | | 0 | 0 | | 1900 | 0 | | | | 0 Fuel Work Crew Insp |
| 2 * | HODGE IND | KCS | | 1900 | 1 | | 1900 | 1 | | | | 0 |
| 3 * | Hodge LA | KCS | | 1900 | 2 | | 0 | 0 | | | | 0 |

170 Y HD401 1 Local,Dodgers ,Turn 6 0 0 0 0 0 0 0

Effecti ve 1/23/97 Expira tion ##### Operat Su Tu We Th Fr es: Sa

| # | Location | Railroad | --- Ariv --- | | --- Sta Dept -- | | Time | Day | Time | Speed | Dist | --- Yard Activity --- |
|---|----------|----------|--------------|------|-----------------|----|------|-----|------|-------|------|-----------------------|
| | | | TZ | Time | Day | TZ | | | | | | |

| | | | | | | | | | | | | |
|-----|-----------|-----|--|-----|---|--|-----|---|--|--|--|-----------------------|
| 1 * | Hodge LA | KCS | | 0 | 0 | | 900 | 0 | | | | 0 Fuel Work Crew Insp |
| 2 * | HODGE IND | KCS | | 900 | 1 | | 900 | 1 | | | | 0 |
| 3 * | Hodge LA | KCS | | 900 | 2 | | 0 | 0 | | | | 0 |

171 Y 2 Local,Dodgers 6 0 0 0 0 0 0 0

| | | | | | | | | | | | |
|------------|-----------------|-----------------------|------------|-------|--------------|------------|------|-----|------|-------|-------------------|
| | HD401 | ,Turn | | | | | | | | | |
| Effecti ve | 1/23/97 | | Expiration | ##### | | Operat es: | Su | Tu | We | Th | Fr Sa |
| | | | | | --- Ariv --- | --- | Sta | | | | |
| | | | | | | Dept - | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist |
| | | | | | | | | | | | — Yard Activity — |
| 1 * | Hodge LA | KCS | | 0 | 0 | | 1900 | 0 | | | 0 |
| 2 * | HODGE IND | KCS | | 1900 | 1 | | 1900 | 1 | | | 0 |
| 3 * | Hodge LA | KCS | | 1900 | 2 | | 0 | 0 | | | 0 |
| 172 Y | JC101 | 1 Local,Dodgers ,Turn | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 12/17/96 | | Expiration | ##### | | Operat es: | Su | Mo | Tu | We | Th Fr Sa |
| | | | | | --- Ariv --- | --- | Sta | | | | |
| | | | | | | Dept - | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist |
| | | | | | | | | | | | — Yard Activity — |
| 1 * | Jackson Yard MS | KCS | | 0 | 0 | | 600 | 0 | 300 | 8 | 0 Work Crew Insp |
| 2 * | Jackson MS | KCS | | 640 | 0 CST | | 1240 | 0 | 600 | 8 | 5.3 Work |
| 3 * | JACKN-IC | KCS | | 1320 | 0 | | 1420 | 0 | 100 | 9 | 10.4 Work |
| 4 * | Jackson MS | KCS | | 1455 | 0 | | 1555 | 0 | 100 | 8 | 15.5 |
| 5 * | Jackson Yard MS | KCS | | 1635 | 0 | | 0 | 0 | | | 20.8 |
| 173 Y | JC201 | 1 Local,Dodgers ,Turn | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effecti ve | 12/17/96 | | Expiration | ##### | | Operat es: | Su | Mo | Tu | We | Th Fr Sa |
| | | | | | --- Ariv --- | --- | Sta | | | | |
| | | | | | | Dept - | | | | | |
| # | Location | Railroad | TZ | Time | Day | TZ | Time | Day | Time | Speed | Dist |
| | | | | | | | | | | | — Yard Activity — |
| 1 * | Jackson Yard MS | KCS | | 0 | 0 | | 1800 | 0 | 300 | 8 | 0 Work Crew Insp |
| 2 * | Jackson MS | KCS | | 1840 | 0 CST | | 40 | 1 | 600 | 8 | 5.3 Work |
| 3 * | JACKN-IC | KCS | | 120 | 1 | | 220 | 1 | 100 | 9 | 10.4 Work |
| 4 * | Jackson MS | KCS | | 255 | 1 | | 355 | 1 | 100 | 8 | 15.5 |
| 5 * | Jackson Yard MS | KCS | | 435 | 1 | | 0 | 0 | | | 20.8 |

MultiR

ail

MultiModal Applied Systems,
Inc.

APPENDIX B

INTERCHANGE TIMES

When KCS picks up or delivers a load to a customer located off of KCS's network of tracks, the car must be interchanged to another railroad. This means that the car is placed in the custody of another railroad for part of its cycle. The point where the gaining railroad takes custody of the car from KCS is called an interchange point. The gaining railroad moves the car from an interchange point to the customer. KCS has agreements with most railroads to promptly return cars to the owning railroad via reverse routing back to the interchange point. If the gaining railroad needs the car, however, they may use it for a period of time before returning it to the owning railroad. During this period of time, the gaining railroad pays the owning railroad a negotiated daily fee called per diem. In order to represent the interchange process in the simulation, car movement records were analyzed to determine the minimum, mean, and maximum number of hours KCS cars spent in the hands of other railroads. Table 7 lists these statistics for each of the simulation nodes where interchanges took place. Whenever an interchange occurred in the simulation, the interchange time was assigned by making a random draw from a triangular distribution possessing the minimum, mean, and maximum duration as described in table 7.

Table 7. Interchange Times

| NODE # | OBSERVATIONS | MIN (HRS) | MEAN (HRS) | MAX (HRS) |
|--------|--------------|-----------|-------------|-----------|
| 1 | 153 | 18.33 | 746.6289542 | 2723.67 |
| 3 | 23 | 255.17 | 375.44 | 707.2 |
| 6 | 14 | 24.63 | 224.52 | 1243.83 |
| 8 | 10 | 246.5 | 381.65 | 496 |
| 11 | 12 | 214.75 | 703.59 | 1867.58 |
| 15 | 261 | 108.33 | 419.3596071 | 2794.6 |
| 17 | 1308 | 0.5 | 104.32 | 607.08 |
| 19 | 127 | 16.1 | 345.1020755 | 1940.25 |
| 20 | 475 | 21.02 | 507.2 | 2200.33 |
| 21 | 29 | 43.92 | 102.75 | 183.83 |
| 24 | 2959 | 4.67 | 357.2933333 | 2758.67 |
| 26 | 25 | 65.67 | 310.18 | 1068.5 |
| 27 | 928 | 23.5 | 385.9092086 | 756.5 |
| 29 | 108 | 106.25 | 385.9092086 | 2930.52 |
| 30 | 145 | 0.08 | 551.74 | 2157.5 |
| 33 | 44 | 8.25 | 379.02 | 1128.25 |
| 34 | 95 | 40.33 | 389.1 | 1971.08 |
| 41 | 505 | 17.08 | 118.4791709 | 513.42 |
| 43 | 12 | 217.75 | 397.22 | 563.95 |

APPENDIX C

ORDERED SEARCH VECTORS

When car managers assign freehandlers to meet car demand, they fill orders sequentially. In each case, they look for available cars at the nearest stations first. They expand their search to include more distant stations until sufficient cars can be located to fill the order. To simulate this process in the prototype model, distances were calculated between each possible origin and destination. For each origin, possible destinations were sorted from nearest to farthest. The resulting vectors for each origin were used to guide the simulation in searching for available cars to fill each order. The ordered search vectors were input to the simulation model using the following EXCEL database. The first column is the station number where cars were ordered. Columns extending to the right contain station numbers that could supply the needed cars. These potential supply points are ordered from nearest to most distant.

| NODE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| # | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 44 | 21 | 38 | 39 | 17 | 22 | 13 | 40 | 14 |
| 2 | 2 | 3 | 4 | 1 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 44 | 21 | 38 | 39 | 17 | 22 | 13 | 40 | 14 |
| 3 | 3 | 2 | 4 | 5 | 6 | 1 | 7 | 8 | 9 | 10 | 11 | 12 | 44 | 21 | 38 | 39 | 17 | 22 | 13 | 40 | 14 |
| 4 | 4 | 3 | 5 | 2 | 6 | 7 | 8 | 1 | 9 | 10 | 11 | 12 | 44 | 21 | 38 | 39 | 17 | 22 | 13 | 40 | 14 |
| 5 | 5 | 6 | 4 | 7 | 3 | 8 | 2 | 9 | 10 | 11 | 1 | 12 | 44 | 21 | 38 | 39 | 17 | 22 | 13 | 40 | 14 |
| 6 | 6 | 7 | 5 | 8 | 4 | 9 | 10 | 3 | 2 | 11 | 12 | 44 | 21 | 38 | 39 | 17 | 22 | 13 | 1 | 40 | 14 |
| 7 | 7 | 6 | 8 | 5 | 9 | 10 | 4 | 11 | 12 | 3 | 44 | 21 | 38 | 39 | 17 | 2 | 22 | 13 | 40 | 14 | 18 |
| 8 | 8 | 9 | 7 | 10 | 6 | 11 | 5 | 12 | 44 | 21 | 38 | 39 | 17 | 4 | 22 | 13 | 40 | 3 | 14 | 18 | 23 |
| 9 | 9 | 10 | 8 | 11 | 7 | 12 | 44 | 6 | 21 | 38 | 39 | 17 | 5 | 22 | 13 | 40 | 4 | 14 | 18 | 23 | 16 |
| 10 | 10 | 9 | 8 | 11 | 12 | 44 | 7 | 21 | 38 | 39 | 17 | 6 | 22 | 13 | 5 | 40 | 14 | 18 | 23 | 4 | 16 |
| 11 | 11 | 12 | 44 | 21 | 38 | 39 | 10 | 17 | 9 | 22 | 13 | 8 | 40 | 14 | 18 | 7 | 23 | 16 | 15 | 19 | 6 |
| 12 | 12 | 11 | 44 | 21 | 38 | 39 | 13 | 10 | 17 | 9 | 22 | 14 | 8 | 40 | 16 | 15 | 18 | 7 | 23 | 19 | 6 |
| 13 | 13 | 14 | 16 | 12 | 15 | 11 | 44 | 21 | 38 | 39 | 10 | 17 | 9 | 22 | 8 | 40 | 18 | 7 | 23 | 19 | 6 |
| 14 | 14 | 16 | 15 | 13 | 12 | 11 | 44 | 21 | 38 | 39 | 10 | 17 | 9 | 22 | 8 | 40 | 18 | 7 | 23 | 19 | 6 |
| 15 | 15 | 14 | 16 | 13 | 12 | 11 | 44 | 21 | 38 | 39 | 10 | 17 | 9 | 22 | 8 | 40 | 18 | 7 | 23 | 19 | 6 |
| 16 | 16 | 14 | 15 | 13 | 12 | 11 | 44 | 21 | 38 | 39 | 10 | 17 | 9 | 22 | 8 | 40 | 18 | 7 | 23 | 19 | 6 |
| 17 | 17 | 11 | 18 | 12 | 44 | 21 | 38 | 39 | 19 | 10 | 9 | 22 | 13 | 8 | 40 | 14 | 7 | 23 | 16 | 15 | 6 |
| 18 | 18 | 19 | 17 | 11 | 12 | 44 | 20 | 21 | 38 | 39 | 10 | 9 | 22 | 13 | 8 | 40 | 14 | 7 | 23 | 16 | 15 |
| 19 | 19 | 18 | 17 | 20 | 11 | 12 | 44 | 21 | 38 | 39 | 10 | 9 | 22 | 13 | 8 | 40 | 14 | 7 | 23 | 16 | 15 |
| 20 | 20 | 19 | 18 | 17 | 11 | 12 | 44 | 21 | 38 | 39 | 10 | 9 | 22 | 13 | 8 | 40 | 14 | 7 | 23 | 16 | 15 |
| 21 | 21 | 38 | 11 | 22 | 12 | 44 | 39 | 10 | 17 | 23 | 9 | 13 | 8 | 24 | 40 | 25 | 14 | 18 | 7 | 16 | 15 |
| 22 | 22 | 21 | 38 | 23 | 11 | 24 | 12 | 44 | 25 | 39 | 10 | 17 | 9 | 26 | 13 | 8 | 40 | 14 | 18 | 7 | 27 |
| 23 | 23 | 24 | 22 | 25 | 21 | 26 | 38 | 11 | 12 | 44 | 27 | 35 | 28 | 39 | 10 | 17 | 9 | 29 | 32 | 33 | 36 |
| 24 | 24 | 25 | 23 | 26 | 22 | 27 | 21 | 35 | 38 | 28 | 11 | 29 | 32 | 33 | 36 | 12 | 44 | 37 | 30 | 39 | 10 |
| 25 | 25 | 24 | 26 | 23 | 27 | 28 | 22 | 29 | 32 | 33 | 21 | 35 | 38 | 30 | 11 | 34 | 36 | 12 | 44 | 37 | 31 |
| 26 | 26 | 25 | 27 | 24 | 28 | 23 | 29 | 32 | 33 | 30 | 22 | 34 | 21 | 31 | 35 | 38 | 11 | 36 | 12 | 44 | 37 |
| 27 | 27 | 28 | 29 | 32 | 33 | 26 | 30 | 34 | 25 | 24 | 31 | 23 | 22 | 21 | 35 | 38 | 11 | 36 | 12 | 44 | 37 |
| 28 | 28 | 27 | 29 | 32 | 33 | 30 | 26 | 34 | 25 | 31 | 24 | 23 | 22 | 21 | 35 | 38 | 11 | 36 | 12 | 44 | 37 |
| 29 | 29 | 28 | 30 | 27 | 32 | 31 | 33 | 26 | 34 | 25 | 24 | 23 | 22 | 21 | 35 | 38 | 11 | 36 | 12 | 44 | 37 |
| 30 | 30 | 29 | 31 | 28 | 27 | 32 | 33 | 26 | 34 | 25 | 24 | 23 | 22 | 21 | 35 | 38 | 11 | 36 | 12 | 44 | 37 |
| 31 | 31 | 30 | 29 | 28 | 27 | 32 | 33 | 26 | 34 | 25 | 24 | 23 | 22 | 21 | 35 | 38 | 11 | 36 | 12 | 44 | 37 |
| 32 | 32 | 28 | 27 | 29 | 33 | 30 | 26 | 34 | 25 | 31 | 24 | 23 | 22 | 21 | 35 | 38 | 11 | 36 | 12 | 44 | 37 |
| 33 | 33 | 34 | 27 | 28 | 29 | 32 | 26 | 30 | 25 | 24 | 31 | 23 | 22 | 21 | 35 | 38 | 11 | 12 | 44 | 36 | 37 |
| 34 | 34 | 33 | 27 | 28 | 29 | 32 | 26 | 30 | 25 | 24 | 31 | 23 | 22 | 21 | 35 | 38 | 11 | 12 | 44 | 36 | 37 |
| 35 | 35 | 36 | 37 | 24 | 25 | 23 | 26 | 38 | 22 | 27 | 21 | 28 | 39 | 11 | 29 | 32 | 12 | 33 | 44 | 40 | 30 |
| 36 | 36 | 37 | 35 | 24 | 25 | 23 | 26 | 38 | 22 | 27 | 21 | 28 | 39 | 11 | 29 | 32 | 12 | 33 | 44 | 40 | 30 |
| 37 | 37 | 36 | 35 | 24 | 25 | 23 | 26 | 38 | 22 | 27 | 21 | 28 | 39 | 11 | 29 | 32 | 12 | 33 | 44 | 40 | 30 |
| 38 | 38 | 21 | 11 | 22 | 12 | 44 | 39 | 10 | 17 | 23 | 9 | 13 | 8 | 24 | 40 | 25 | 14 | 18 | 7 | 16 | 15 |
| 39 | 39 | 11 | 40 | 12 | 44 | 21 | 38 | 10 | 17 | 9 | 22 | 41 | 13 | 8 | 42 | 14 | 18 | 7 | 23 | 43 | 16 |
| 40 | 40 | 39 | 41 | 11 | 42 | 12 | 44 | 43 | 21 | 38 | 10 | 17 | 9 | 22 | 13 | 8 | 14 | 18 | 7 | 23 | 16 |
| 41 | 41 | 42 | 43 | 40 | 39 | 11 | 12 | 44 | 21 | 38 | 10 | 17 | 9 | 22 | 13 | 8 | 14 | 18 | 7 | 23 | 16 |
| 42 | 42 | 43 | 41 | 40 | 39 | 11 | 12 | 44 | 21 | 38 | 10 | 17 | 9 | 22 | 13 | 8 | 14 | 18 | 7 | 23 | 16 |
| 43 | 43 | 42 | 41 | 40 | 39 | 11 | 12 | 44 | 21 | 38 | 10 | 17 | 9 | 22 | 13 | 8 | 14 | 18 | 7 | 23 | 16 |
| 44 | 44 | 11 | 12 | 21 | 38 | 39 | 10 | 17 | 9 | 22 | 13 | 8 | 40 | 14 | 18 | 7 | 23 | 16 | 15 | 19 | 6 |

| NODE | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| # | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 18 | 23 | 16 | 15 | 19 | 24 | 41 | 25 | 42 | 26 | 43 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 2 | 18 | 23 | 16 | 15 | 19 | 24 | 41 | 25 | 42 | 26 | 43 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 3 | 18 | 23 | 16 | 15 | 19 | 24 | 41 | 25 | 42 | 26 | 43 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 4 | 18 | 23 | 16 | 15 | 19 | 24 | 41 | 25 | 42 | 26 | 43 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 5 | 18 | 23 | 16 | 15 | 19 | 24 | 41 | 25 | 42 | 26 | 43 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 6 | 18 | 23 | 16 | 15 | 19 | 24 | 41 | 25 | 42 | 26 | 43 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 7 | 23 | 16 | 1 | 15 | 19 | 24 | 41 | 25 | 42 | 26 | 43 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 8 | 2 | 16 | 15 | 19 | 24 | 41 | 25 | 42 | 1 | 26 | 43 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 9 | 3 | 15 | 19 | 24 | 41 | 2 | 25 | 42 | 26 | 43 | 1 | 20 | 27 | 35 | 28 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 10 | 15 | 19 | 24 | 41 | 3 | 25 | 42 | 2 | 26 | 43 | 20 | 27 | 35 | 28 | 1 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 31 |
| 11 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 20 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 12 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 20 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 13 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 20 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 14 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 20 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 15 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 20 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 16 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 20 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 17 | 24 | 41 | 20 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 18 | 6 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 19 | 6 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 20 | 6 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 4 | 3 | 27 | 35 | 28 | 2 | 29 | 32 | 33 | 36 | 37 | 30 | 34 | 1 | 31 |
| 21 | 26 | 19 | 6 | 41 | 5 | 42 | 27 | 35 | 43 | 28 | 4 | 29 | 32 | 33 | 36 | 3 | 20 | 37 | 30 | 2 | 34 | 31 | 1 |
| 22 | 35 | 28 | 16 | 15 | 19 | 6 | 41 | 29 | 32 | 33 | 36 | 5 | 42 | 37 | 30 | 43 | 34 | 4 | 31 | 3 | 20 | 2 | 1 |
| 23 | 13 | 8 | 37 | 40 | 30 | 14 | 18 | 34 | 7 | 16 | 15 | 19 | 31 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 24 | 17 | 34 | 9 | 13 | 8 | 31 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 25 | 39 | 10 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 26 | 39 | 10 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 27 | 39 | 10 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 28 | 39 | 10 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 29 | 39 | 10 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 30 | 39 | 10 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 31 | 39 | 10 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 32 | 39 | 10 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 33 | 10 | 39 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 34 | 10 | 39 | 17 | 9 | 13 | 8 | 40 | 14 | 18 | 7 | 16 | 15 | 19 | 6 | 41 | 5 | 42 | 43 | 4 | 3 | 20 | 2 | 1 |
| 35 | 10 | 17 | 9 | 34 | 13 | 8 | 31 | 41 | 14 | 18 | 7 | 42 | 16 | 15 | 19 | 6 | 43 | 5 | 4 | 3 | 20 | 2 | 1 |
| 36 | 10 | 17 | 9 | 34 | 13 | 8 | 31 | 41 | 14 | 18 | 7 | 42 | 16 | 15 | 19 | 6 | 43 | 5 | 4 | 3 | 20 | 2 | 1 |
| 37 | 10 | 17 | 9 | 34 | 13 | 8 | 31 | 41 | 14 | 18 | 7 | 42 | 16 | 15 | 19 | 6 | 43 | 5 | 4 | 3 | 20 | 2 | 1 |
| 38 | 26 | 19 | 6 | 35 | 41 | 5 | 42 | 36 | 27 | 37 | 43 | 28 | 4 | 29 | 32 | 3 | 33 | 20 | 30 | 2 | 34 | 31 | 1 |
| 39 | 15 | 19 | 6 | 24 | 25 | 5 | 26 | 35 | 4 | 3 | 36 | 20 | 27 | 37 | 28 | 2 | 29 | 32 | 33 | 30 | 34 | 1 | 31 |
| 40 | 15 | 19 | 6 | 24 | 25 | 5 | 26 | 35 | 4 | 3 | 36 | 20 | 27 | 37 | 28 | 2 | 29 | 32 | 33 | 30 | 34 | 1 | 31 |
| 41 | 15 | 19 | 6 | 24 | 25 | 5 | 26 | 35 | 4 | 3 | 36 | 20 | 27 | 37 | 28 | 2 | 29 | 32 | 33 | 30 | 34 | 1 | 31 |
| 42 | 15 | 19 | 6 | 24 | 25 | 5 | 26 | 35 | 4 | 3 | 36 | 20 | 27 | 37 | 28 | 2 | 29 | 32 | 33 | 30 | 34 | 1 | 31 |
| 43 | 15 | 19 | 6 | 24 | 25 | 5 | 26 | 35 | 4 | 3 | 36 | 20 | 27 | 37 | 28 | 2 | 29 | 32 | 33 | 30 | 34 | 1 | 31 |
| 44 | 24 | 41 | 25 | 5 | 42 | 26 | 43 | 35 | 4 | 3 | 36 | 20 | 27 | 37 | 28 | 2 | 29 | 32 | 33 | 30 | 34 | 1 | 31 |

APPENDIX D

TRAIN AND CAR ATTRIBUTES

Attributes are characteristics of an actor in the simulation that influence the way the actor is processed as it transits the system. Some attributes are permanent defining characteristics of the actor. Other attributes vary to reflect the current disposition of the actor. Attributes that were used to model trains and cars are listed in table 8.

Table 8. Train and Car Attributes

| Actor | Attribute | Description |
|--------------|------------------|--|
| Train | 1 | Station number for first stop en route. |
| | 2 | Station number for second stop en route. |
| | 3 | Station number for third stop en route. |
| | 4 | Station number for fourth stop en route. |
| | 5 | Station number for fifth stop en route. |
| | 6 | Station number for sixth stop en route. |
| | 7 | Station number for seventh stop en route. |
| | 8 | Station number for eighth stop en route. |
| | 9 | Station number for ninth stop en route. |
| | 10 | Station number for last stop en route. |
| | 11 | Attribute number (1 through 10) containing next stop enroute. |
| | 12 | Total capacity of train expressed in number of cars. |
| | 13 | Capacity to be released for picking up cars enroute. |
| | 14 | Train identification code number. |
| | 15 | Time at which current crew's duty day ends. |
| | 16 | Batching code number for associating train with carried cars. |
| | 17 | Station number where current crew originated |
| | 18 | Time when train departed originating station |
| Car | 1 | Station number for first checkpoint en route to car's destination. |
| | 2 | Station number for second checkpoint en route to destination. |
| | 3 | Station number for third checkpoint en route to car's destination. |
| | 4 | Attribute number (1 through 3) containing next checkpoint. |
| | 5 | Identification number for current load. |
| | 6 | Originating station number for current load. |
| | 7 | Destination station number for current load. |

| Actor | Attribute | Description |
|--------------|------------------|---|
| Car | 8 | Current train type (pipeline = 1; local = 2) |
| | 9 | Revenue generated by current load. |
| | 10 | Mileage cost for current car cycle. |
| | 11 | Required delivery time for current load. |
| | 12 | Extended switching time for delivery to peripheral station. |
| | 13 | Interchange (equals one for interchange; zero otherwise). |
| | 14 | Car identification number. |
| | 15 | Beginning time for current car cycle. |
| | 16 | Batching number for association with a specific train. |

APPENDIX E

CAR DEMAND FILE

The prototype simulation model used the EXCEL data file in table 9 to generate demand for cars. The first column is a unique load number used to track an order for cars. The second column designates the load type (equals three for gondolas). The third and fourth columns contain the origin and destination for that order. The fifth, sixth, and seventh columns represent the time the order was placed, when the loads were available for loading, and the required delivery time. The eighth column indicates the revenue generated by each load in that order. The ninth column tells whether or not the destination is an interchange to another railroad. Finally, the tenth column provides additional delivery time needed when the destination is a peripheral station.

Table 9. Car Demand Data

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1 | 3 | 1 | 6 | 1 | 536 | 608 | 776 | 643 | 0 | 24 | |
| 2 | 3 | 1 | 6 | 1 | 2608 | 2680 | 2848 | 663 | 0 | 24 | |
| 3 | 3 | 1 | 6 | 1 | 2600 | 2672 | 2840 | 652 | 0 | 24 | |
| 4 | 3 | 1 | 6 | 1 | 3560 | 3632 | 3800 | 896 | 0 | 24 | |
| 5 | 3 | 1 | 6 | 1 | 3592 | 3664 | 3832 | 922 | 0 | 24 | |
| 6 | 3 | 1 | 6 | 1 | 4064 | 4136 | 4304 | 774 | 0 | 24 | |
| 7 | 3 | 1 | 6 | 1 | 4072 | 4144 | 4312 | 886 | 0 | 24 | |
| 8 | 3 | 1 | 6 | 1 | 4064 | 4136 | 4304 | 914 | 0 | 24 | |
| 9 | 3 | 1 | 6 | 1 | 4072 | 4144 | 4312 | 918 | 0 | 24 | |
| 10 | 3 | 1 | 6 | 2 | 4064 | 4136 | 4304 | 463 | 0 | 24 | |
| 11 | 3 | 1 | 15 | 1 | 3064 | 3136 | 3304 | 1069 | 1 | 0 | |
| 12 | 3 | 1 | 41 | 1 | 1688 | 1760 | 1928 | 1327 | 1 | 0 | |
| 13 | 3 | 3 | 2 | 1 | 2752 | 2824 | 3160 | 0 | 0 | 0 | |
| 14 | 3 | 3 | 11 | 1 | 784 | 856 | 1192 | 0 | 0 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 15 | 3 | 3 | 11 | 3 | 176 | 248 | 584 | 0 | 0 | | 24 |
| 16 | 3 | 3 | 11 | 1 | 208 | 280 | 616 | 0 | 0 | | 24 |
| 17 | 3 | 3 | 11 | 1 | 200 | 272 | 608 | 0 | 0 | | 24 |
| 18 | 3 | 3 | 11 | 2 | 256 | 328 | 664 | 0 | 0 | | 24 |
| 19 | 3 | 3 | 11 | 2 | 256 | 328 | 664 | 0 | 0 | | 24 |
| 20 | 3 | 3 | 11 | 1 | 344 | 416 | 752 | 0 | 0 | | 24 |
| 21 | 3 | 3 | 11 | 1 | 352 | 424 | 760 | 0 | 0 | | 24 |
| 22 | 3 | 3 | 11 | 2 | 368 | 440 | 776 | 0 | 0 | | 24 |
| 23 | 3 | 3 | 11 | 4 | 512 | 584 | 920 | 0 | 0 | | 24 |
| 24 | 3 | 3 | 11 | 1 | 544 | 616 | 952 | 0 | 0 | | 24 |
| 25 | 3 | 3 | 11 | 1 | 560 | 632 | 968 | 0 | 0 | | 24 |
| 26 | 3 | 3 | 11 | 1 | 704 | 776 | 1112 | 0 | 0 | | 24 |
| 27 | 3 | 3 | 11 | 5 | 808 | 880 | 1216 | 0 | 0 | | 24 |
| 28 | 3 | 3 | 11 | 2 | 872 | 944 | 1280 | 0 | 0 | | 24 |
| 29 | 3 | 3 | 11 | 1 | 872 | 944 | 1280 | 0 | 0 | | 24 |
| 30 | 3 | 3 | 11 | 3 | 928 | 1000 | 1336 | 0 | 0 | | 24 |
| 31 | 3 | 3 | 11 | 1 | 944 | 1016 | 1352 | 0 | 0 | | 24 |
| 32 | 3 | 3 | 11 | 2 | 1048 | 1120 | 1456 | 0 | 0 | | 24 |
| 33 | 3 | 3 | 11 | 1 | 1352 | 1424 | 1760 | 0 | 0 | | 24 |
| 34 | 3 | 3 | 11 | 1 | 1408 | 1480 | 1816 | 0 | 0 | | 24 |
| 35 | 3 | 3 | 11 | 1 | 1400 | 1472 | 1808 | 0 | 0 | | 24 |
| 36 | 3 | 3 | 11 | 1 | 1408 | 1480 | 1816 | 0 | 0 | | 24 |
| 37 | 3 | 3 | 11 | 1 | 1400 | 1472 | 1808 | 0 | 0 | | 24 |
| 38 | 3 | 3 | 11 | 1 | 1408 | 1480 | 1816 | 0 | 0 | | 24 |
| 39 | 3 | 3 | 11 | 1 | 1568 | 1640 | 1976 | 0 | 0 | | 24 |
| 40 | 3 | 3 | 11 | 3 | 1576 | 1648 | 1984 | 0 | 0 | | 24 |
| 41 | 3 | 3 | 11 | 4 | 1736 | 1808 | 2144 | 0 | 0 | | 24 |
| 42 | 3 | 3 | 11 | 2 | 1912 | 1984 | 2320 | 0 | 0 | | 24 |
| 43 | 3 | 3 | 11 | 2 | 1904 | 1976 | 2312 | 0 | 0 | | 24 |
| 44 | 3 | 3 | 11 | 1 | 1936 | 2008 | 2344 | 0 | 0 | | 24 |
| 45 | 3 | 3 | 11 | 1 | 1952 | 2024 | 2360 | 0 | 0 | | 24 |
| 46 | 3 | 3 | 11 | 2 | 2080 | 2152 | 2488 | 0 | 0 | | 24 |
| 47 | 3 | 3 | 11 | 1 | 2096 | 2168 | 2504 | 0 | 0 | | 24 |
| 48 | 3 | 3 | 11 | 2 | 2584 | 2656 | 2992 | 0 | 0 | | 24 |
| 49 | 3 | 3 | 11 | 3 | 2720 | 2792 | 3128 | 0 | 0 | | 24 |
| 50 | 3 | 3 | 11 | 1 | 2752 | 2824 | 3160 | 0 | 0 | | 24 |
| 51 | 3 | 3 | 11 | 1 | 2744 | 2816 | 3152 | 0 | 0 | | 24 |
| 52 | 3 | 3 | 11 | 1 | 3056 | 3128 | 3464 | 0 | 0 | | 24 |
| 53 | 3 | 3 | 11 | 1 | 3064 | 3136 | 3472 | 0 | 0 | | 24 |
| 54 | 3 | 3 | 11 | 2 | 3080 | 3152 | 3488 | 0 | 0 | | 24 |
| 55 | 3 | 3 | 11 | 1 | 3112 | 3184 | 3520 | 0 | 0 | | 24 |
| 56 | 3 | 3 | 11 | 1 | 3200 | 3272 | 3608 | 0 | 0 | | 24 |
| 57 | 3 | 3 | 11 | 1 | 3376 | 3448 | 3784 | 0 | 0 | | 24 |
| 58 | 3 | 3 | 11 | 3 | 3368 | 3440 | 3776 | 0 | 0 | | 24 |
| 59 | 3 | 3 | 11 | 3 | 3424 | 3496 | 3832 | 0 | 0 | | 24 |
| 60 | 3 | 3 | 11 | 1 | 3416 | 3488 | 3824 | 0 | 0 | | 24 |
| 61 | 3 | 3 | 11 | 1 | 3448 | 3520 | 3856 | 0 | 0 | | 24 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 62 | 3 | 3 | 11 | 2 | 3464 | 3536 | 3872 | 0 | 0 | | 24 |
| 63 | 3 | 3 | 11 | 1 | 3472 | 3544 | 3880 | 0 | 0 | | 24 |
| 64 | 3 | 3 | 11 | 1 | 3584 | 3656 | 3992 | 0 | 0 | | 24 |
| 65 | 3 | 3 | 11 | 1 | 3616 | 3688 | 4024 | 0 | 0 | | 24 |
| 66 | 3 | 3 | 11 | 1 | 3784 | 3856 | 4192 | 0 | 0 | | 24 |
| 67 | 3 | 3 | 11 | 2 | 3968 | 4040 | 4376 | 0 | 0 | | 24 |
| 68 | 3 | 3 | 11 | 4 | 4072 | 4144 | 4480 | 0 | 0 | | 24 |
| 69 | 3 | 3 | 11 | 1 | 4136 | 4208 | 4544 | 0 | 0 | | 24 |
| 70 | 3 | 3 | 11 | 1 | 4240 | 4312 | 4648 | 0 | 0 | | 24 |
| 71 | 3 | 3 | 11 | 2 | 4232 | 4304 | 4640 | 0 | 0 | | 24 |
| 72 | 3 | 3 | 11 | 1 | 4240 | 4312 | 4648 | 0 | 0 | | 24 |
| 73 | 3 | 3 | 11 | 1 | 248 | 320 | 656 | 0 | 0 | | 0 |
| 74 | 3 | 3 | 11 | 5 | 448 | 520 | 856 | 0 | 0 | | 0 |
| 75 | 3 | 3 | 11 | 2 | 640 | 712 | 1048 | 0 | 0 | | 0 |
| 76 | 3 | 3 | 11 | 2 | 880 | 952 | 1288 | 0 | 0 | | 0 |
| 77 | 3 | 3 | 11 | 2 | 1088 | 1160 | 1496 | 0 | 0 | | 0 |
| 78 | 3 | 3 | 11 | 1 | 1120 | 1192 | 1528 | 0 | 0 | | 0 |
| 79 | 3 | 3 | 11 | 3 | 2536 | 2608 | 2944 | 0 | 0 | | 0 |
| 80 | 3 | 3 | 11 | 1 | 2552 | 2624 | 2960 | 0 | 0 | | 0 |
| 81 | 3 | 3 | 11 | 2 | 3704 | 3776 | 4112 | 0 | 0 | | 0 |
| 82 | 3 | 3 | 11 | 1 | 3736 | 3808 | 4144 | 0 | 0 | | 0 |
| 83 | 3 | 3 | 11 | 2 | 3752 | 3824 | 4160 | 0 | 0 | | 0 |
| 84 | 3 | 4 | 3 | 1 | 1424 | 1496 | 1664 | 487 | 1 | | 0 |
| 85 | 3 | 4 | 3 | 1 | 1720 | 1792 | 1960 | 487 | 1 | | 0 |
| 86 | 3 | 4 | 3 | 1 | 1928 | 2000 | 2168 | 487 | 1 | | 0 |
| 87 | 3 | 4 | 3 | 1 | 2056 | 2128 | 2296 | 487 | 1 | | 0 |
| 88 | 3 | 4 | 3 | 1 | 2264 | 2336 | 2504 | 492 | 1 | | 0 |
| 89 | 3 | 4 | 3 | 1 | 2296 | 2368 | 2536 | 492 | 1 | | 0 |
| 90 | 3 | 4 | 3 | 1 | 2408 | 2480 | 2648 | 492 | 1 | | 0 |
| 91 | 3 | 4 | 3 | 1 | 2504 | 2576 | 2744 | 492 | 1 | | 0 |
| 92 | 3 | 4 | 3 | 1 | 2632 | 2704 | 2872 | 492 | 1 | | 0 |
| 93 | 3 | 4 | 3 | 1 | 2936 | 3008 | 3176 | 500 | 1 | | 0 |
| 94 | 3 | 4 | 3 | 1 | 3040 | 3112 | 3280 | 500 | 1 | | 0 |
| 95 | 3 | 4 | 3 | 1 | 3104 | 3176 | 3344 | 500 | 1 | | 0 |
| 96 | 3 | 4 | 3 | 1 | 3256 | 3328 | 3496 | 500 | 1 | | 0 |
| 97 | 3 | 4 | 3 | 1 | 3440 | 3512 | 3680 | 500 | 1 | | 0 |
| 98 | 3 | 4 | 3 | 1 | 3544 | 3616 | 3784 | 500 | 1 | | 0 |
| 99 | 3 | 4 | 3 | 1 | 3752 | 3824 | 3992 | 500 | 1 | | 0 |
| 100 | 3 | 4 | 3 | 1 | 3976 | 4048 | 4216 | 500 | 1 | | 0 |
| 101 | 3 | 4 | 3 | 1 | 4208 | 4280 | 4448 | 500 | 1 | | 0 |
| 102 | 3 | 4 | 3 | 1 | 2440 | 2512 | 2848 | 0 | 0 | | 24 |
| 103 | 3 | 4 | 3 | 1 | 352 | 424 | 760 | 0 | 0 | | 24 |
| 104 | 3 | 4 | 17 | 1 | 248 | 320 | 488 | 1205 | 1 | | 0 |
| 105 | 3 | 4 | 17 | 1 | 448 | 520 | 688 | 1250 | 1 | | 0 |
| 106 | 3 | 4 | 17 | 1 | 752 | 824 | 992 | 1211 | 1 | | 0 |
| 107 | 3 | 4 | 17 | 1 | 904 | 976 | 1144 | 1211 | 1 | | 0 |
| 108 | 3 | 4 | 17 | 1 | 1064 | 1136 | 1304 | 1260 | 1 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 109 | 3 | 4 | 17 | 1 | 1360 | 1432 | 1600 | 1229 | 1 | | 0 |
| 110 | 3 | 4 | 11 | 1 | 3584 | 3656 | 3824 | 736 | 0 | | 0 |
| 111 | 3 | 4 | 11 | 1 | 3592 | 3664 | 3832 | 736 | 0 | | 0 |
| 112 | 3 | 5 | 16 | 5 | 3944 | 4016 | 4184 | 140 | 0 | | 0 |
| 113 | 3 | 6 | 2 | 1 | 1312 | 1384 | 1720 | 0 | 0 | | 0 |
| 114 | 3 | 6 | 2 | 1 | 2120 | 2192 | 2528 | 0 | 0 | | 0 |
| 115 | 3 | 7 | 1 | 15 | 1280 | 1352 | 1520 | 56 | 0 | | 0 |
| 116 | 3 | 7 | 1 | 1 | 1312 | 1384 | 1552 | 846 | 0 | | 0 |
| 117 | 3 | 7 | 1 | 13 | 1304 | 1376 | 1544 | 65 | 0 | | 0 |
| 118 | 3 | 7 | 1 | 15 | 1376 | 1448 | 1616 | 57 | 0 | | 0 |
| 119 | 3 | 7 | 1 | 5 | 1424 | 1496 | 1664 | 170 | 0 | | 0 |
| 120 | 3 | 7 | 1 | 9 | 1424 | 1496 | 1664 | 95 | 0 | | 0 |
| 121 | 3 | 7 | 1 | 1 | 1432 | 1504 | 1672 | 852 | 0 | | 0 |
| 122 | 3 | 7 | 1 | 12 | 1528 | 1600 | 1768 | 70 | 0 | | 0 |
| 123 | 3 | 7 | 1 | 10 | 1576 | 1648 | 1816 | 85 | 0 | | 0 |
| 124 | 3 | 7 | 1 | 12 | 2440 | 2512 | 2680 | 71 | 0 | | 0 |
| 125 | 3 | 7 | 1 | 2 | 2744 | 2816 | 3152 | 0 | 0 | | 0 |
| 126 | 3 | 7 | 1 | 12 | 3920 | 3992 | 4160 | 71 | 0 | | 0 |
| 127 | 3 | 7 | 1 | 8 | 4072 | 4144 | 4312 | 108 | 0 | | 0 |
| 128 | 3 | 7 | 1 | 4 | 4096 | 4168 | 4336 | 215 | 0 | | 0 |
| 129 | 3 | 7 | 1 | 12 | 4216 | 4288 | 4456 | 71 | 0 | | 0 |
| 130 | 3 | 7 | 1 | 2 | 2816 | 2888 | 3224 | 0 | 0 | | 24 |
| 131 | 3 | 7 | 1 | 12 | 1240 | 1312 | 1648 | 0 | 0 | | 24 |
| 132 | 3 | 7 | 2 | 2 | 1280 | 1352 | 1688 | 0 | 0 | | 0 |
| 133 | 3 | 7 | 2 | 2 | 1280 | 1352 | 1688 | 0 | 0 | | 0 |
| 134 | 3 | 7 | 2 | 6 | 2392 | 2464 | 2800 | 0 | 0 | | 0 |
| 135 | 3 | 7 | 2 | 2 | 3800 | 3872 | 4208 | 0 | 0 | | 0 |
| 136 | 3 | 7 | 6 | 2 | 0 | 40 | 376 | 0 | 0 | | 0 |
| 137 | 3 | 7 | 6 | 2 | 40 | 112 | 448 | 0 | 0 | | 0 |
| 138 | 3 | 7 | 6 | 4 | 440 | 512 | 848 | 0 | 0 | | 0 |
| 139 | 3 | 7 | 6 | 2 | 752 | 824 | 1160 | 0 | 0 | | 0 |
| 140 | 3 | 7 | 6 | 2 | 1600 | 1672 | 2008 | 0 | 0 | | 0 |
| 141 | 3 | 7 | 6 | 2 | 1592 | 1664 | 2000 | 0 | 0 | | 0 |
| 142 | 3 | 7 | 6 | 4 | 1888 | 1960 | 2296 | 0 | 0 | | 0 |
| 143 | 3 | 7 | 6 | 6 | 1888 | 1960 | 2296 | 0 | 0 | | 0 |
| 144 | 3 | 7 | 6 | 10 | 2024 | 2096 | 2432 | 0 | 0 | | 0 |
| 145 | 3 | 7 | 6 | 8 | 2480 | 2552 | 2888 | 0 | 0 | | 0 |
| 146 | 3 | 7 | 6 | 2 | 2480 | 2552 | 2888 | 0 | 0 | | 0 |
| 147 | 3 | 7 | 6 | 2 | 2488 | 2560 | 2896 | 0 | 0 | | 0 |
| 148 | 3 | 7 | 6 | 2 | 3056 | 3128 | 3464 | 0 | 0 | | 0 |
| 149 | 3 | 7 | 6 | 2 | 3568 | 3640 | 3976 | 0 | 0 | | 0 |
| 150 | 3 | 7 | 6 | 4 | 3872 | 3944 | 4280 | 0 | 0 | | 0 |
| 151 | 3 | 7 | 6 | 4 | 2384 | 2456 | 2792 | 0 | 0 | | 24 |
| 152 | 3 | 7 | 7 | 22 | 1544 | 1616 | 1952 | 0 | 0 | | 24 |
| 153 | 3 | 7 | 7 | 2 | 1912 | 1984 | 2320 | 0 | 0 | | 24 |
| 154 | 3 | 7 | 7 | 4 | 2384 | 2456 | 2792 | 0 | 0 | | 24 |
| 155 | 3 | 7 | 8 | 1 | 2200 | 2272 | 2608 | 0 | 0 | | 0 |

| LD # | LD | TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|----|------|--------|------|-------|---------|-------|-----|---------|---------|----------|------|
| 156 | 3 | 7 | 8 | 2 | 1288 | 1360 | 1696 | 0 | 0 | 0 | | 0 |
| 157 | 3 | 7 | 8 | 2 | 1496 | 1568 | 1904 | 0 | 0 | 0 | | 0 |
| 158 | 3 | 7 | 8 | 1 | 2056 | 2128 | 2464 | 0 | 0 | 0 | | 0 |
| 159 | 3 | 7 | 8 | 12 | 2384 | 2456 | 2792 | 0 | 0 | 0 | | 0 |
| 160 | 3 | 7 | 8 | 4 | 3136 | 3208 | 3544 | 0 | 0 | 0 | | 0 |
| 161 | 3 | 7 | 10 | 14 | 1408 | 1480 | 1648 | 25 | 0 | 0 | | 0 |
| 162 | 3 | 7 | 10 | 10 | 1640 | 1712 | 1880 | 35 | 0 | 0 | | 0 |
| 163 | 3 | 7 | 10 | 8 | 2368 | 2440 | 2608 | 38 | 0 | 0 | | 0 |
| 164 | 3 | 7 | 11 | 1 | 0 | 40 | 208 | 467 | 0 | 0 | | 0 |
| 165 | 3 | 7 | 11 | 7 | 0 | 32 | 200 | 67 | 0 | 0 | | 0 |
| 166 | 3 | 7 | 11 | 10 | 8 | 80 | 248 | 47 | 0 | 0 | | 0 |
| 167 | 3 | 7 | 11 | 1 | 776 | 848 | 1016 | 379 | 0 | 0 | | 0 |
| 168 | 3 | 7 | 11 | 4 | 1016 | 1088 | 1424 | 0 | 0 | 0 | | 0 |
| 169 | 3 | 7 | 11 | 9 | 1112 | 1184 | 1352 | 53 | 0 | 0 | | 0 |
| 170 | 3 | 7 | 11 | 17 | 1256 | 1328 | 1496 | 25 | 0 | 0 | | 0 |
| 171 | 3 | 7 | 11 | 1 | 1432 | 1504 | 1672 | 400 | 0 | 0 | | 0 |
| 172 | 3 | 7 | 11 | 4 | 1424 | 1496 | 1832 | 0 | 0 | 0 | | 0 |
| 173 | 3 | 7 | 11 | 42 | 1504 | 1576 | 1912 | 0 | 0 | 0 | | 0 |
| 174 | 3 | 7 | 11 | 6 | 1496 | 1568 | 1904 | 0 | 0 | 0 | | 0 |
| 175 | 3 | 7 | 11 | 26 | 1576 | 1648 | 1984 | 0 | 0 | 0 | | 0 |
| 176 | 3 | 7 | 11 | 2 | 1592 | 1664 | 2000 | 0 | 0 | 0 | | 0 |
| 177 | 3 | 7 | 11 | 3 | 1592 | 1664 | 1832 | 130 | 0 | 0 | | 0 |
| 178 | 3 | 7 | 11 | 2 | 1616 | 1688 | 1856 | 238 | 0 | 0 | | 0 |
| 179 | 3 | 7 | 11 | 6 | 1696 | 1768 | 1936 | 63 | 0 | 0 | | 0 |
| 180 | 3 | 7 | 11 | 1 | 1720 | 1792 | 1960 | 371 | 0 | 0 | | 0 |
| 181 | 3 | 7 | 11 | 6 | 1792 | 1864 | 2032 | 72 | 0 | 0 | | 0 |
| 182 | 3 | 7 | 11 | 1 | 1880 | 1952 | 2120 | 402 | 0 | 0 | | 0 |
| 183 | 3 | 7 | 11 | 21 | 1880 | 1952 | 2120 | 20 | 0 | 0 | | 0 |
| 184 | 3 | 7 | 11 | 8 | 1928 | 2000 | 2168 | 55 | 0 | 0 | | 0 |
| 185 | 3 | 7 | 11 | 7 | 1936 | 2008 | 2176 | 62 | 0 | 0 | | 0 |
| 186 | 3 | 7 | 11 | 3 | 1928 | 2000 | 2168 | 145 | 0 | 0 | | 0 |
| 187 | 3 | 7 | 11 | 4 | 1960 | 2032 | 2200 | 87 | 0 | 0 | | 0 |
| 188 | 3 | 7 | 11 | 10 | 1976 | 2048 | 2216 | 49 | 0 | 0 | | 0 |
| 189 | 3 | 7 | 11 | 1 | 2056 | 2128 | 2464 | 0 | 0 | 0 | | 0 |
| 190 | 3 | 7 | 11 | 10 | 2048 | 2120 | 2288 | 49 | 0 | 0 | | 0 |
| 191 | 3 | 7 | 11 | 8 | 2048 | 2120 | 2456 | 0 | 0 | 0 | | 0 |
| 192 | 3 | 7 | 11 | 7 | 2080 | 2152 | 2320 | 62 | 0 | 0 | | 0 |
| 193 | 3 | 7 | 11 | 6 | 2192 | 2264 | 2432 | 72 | 0 | 0 | | 0 |
| 194 | 3 | 7 | 11 | 1 | 2200 | 2272 | 2440 | 431 | 0 | 0 | | 0 |
| 195 | 3 | 7 | 11 | 7 | 2288 | 2360 | 2528 | 62 | 0 | 0 | | 0 |
| 196 | 3 | 7 | 11 | 1 | 2312 | 2384 | 2552 | 434 | 0 | 0 | | 0 |
| 197 | 3 | 7 | 11 | 2 | 2488 | 2560 | 2896 | 0 | 0 | 0 | | 0 |
| 198 | 3 | 7 | 11 | 20 | 2528 | 2600 | 2936 | 0 | 0 | 0 | | 0 |
| 199 | 3 | 7 | 11 | 1 | 2536 | 2608 | 2944 | 0 | 0 | 0 | | 0 |
| 200 | 3 | 7 | 11 | 2 | 2720 | 2792 | 2960 | 185 | 0 | 0 | | 0 |
| 201 | 3 | 7 | 11 | 10 | 2872 | 2944 | 3112 | 49 | 0 | 0 | | 0 |
| 202 | 3 | 7 | 11 | 7 | 2896 | 2968 | 3136 | 66 | 0 | 0 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 203 | 3 | 7 | 11 | 3 | 2920 | 2992 | 3160 | 134 | 0 | | 0 |
| 204 | 3 | 7 | 11 | 5 | 3056 | 3128 | 3296 | 89 | 0 | | 0 |
| 205 | 3 | 7 | 11 | 11 | 3272 | 3344 | 3512 | 43 | 0 | | 0 |
| 206 | 3 | 7 | 11 | 3 | 3368 | 3440 | 3608 | 145 | 0 | | 0 |
| 207 | 3 | 7 | 11 | 2 | 3392 | 3464 | 3632 | 207 | 0 | | 0 |
| 208 | 3 | 7 | 11 | 12 | 3464 | 3536 | 3704 | 38 | 0 | | 0 |
| 209 | 3 | 7 | 11 | 11 | 3472 | 3544 | 3712 | 42 | 0 | | 0 |
| 210 | 3 | 7 | 11 | 3 | 3560 | 3632 | 3800 | 146 | 0 | | 0 |
| 211 | 3 | 7 | 11 | 12 | 3560 | 3632 | 3800 | 36 | 0 | | 0 |
| 212 | 3 | 7 | 11 | 23 | 3712 | 3784 | 3952 | 20 | 0 | | 0 |
| 213 | 3 | 7 | 11 | 9 | 3736 | 3808 | 3976 | 54 | 0 | | 0 |
| 214 | 3 | 7 | 11 | 8 | 3752 | 3824 | 3992 | 60 | 0 | | 0 |
| 215 | 3 | 7 | 11 | 6 | 3784 | 3856 | 4024 | 86 | 0 | | 0 |
| 216 | 3 | 7 | 11 | 1 | 3824 | 3896 | 4064 | 443 | 0 | | 0 |
| 217 | 3 | 7 | 11 | 2 | 3880 | 3952 | 4288 | 0 | 0 | | 0 |
| 218 | 3 | 7 | 11 | 8 | 3896 | 3968 | 4136 | 58 | 0 | | 0 |
| 219 | 3 | 7 | 11 | 2 | 3968 | 4040 | 4208 | 230 | 0 | | 0 |
| 220 | 3 | 7 | 11 | 8 | 4048 | 4120 | 4288 | 54 | 0 | | 0 |
| 221 | 3 | 7 | 11 | 1 | 4088 | 4160 | 4328 | 390 | 0 | | 0 |
| 222 | 3 | 7 | 11 | 7 | 4144 | 4216 | 4384 | 66 | 0 | | 0 |
| 223 | 3 | 7 | 11 | 15 | 4240 | 4312 | 4480 | 28 | 0 | | 0 |
| 224 | 3 | 7 | 11 | 7 | 3592 | 3664 | 3832 | 62 | 0 | | 24 |
| 225 | 3 | 7 | 11 | 18 | 16 | 88 | 256 | 24 | 0 | | 24 |
| 226 | 3 | 7 | 11 | 18 | 80 | 152 | 320 | 25 | 0 | | 24 |
| 227 | 3 | 7 | 11 | 7 | 88 | 160 | 328 | 65 | 0 | | 24 |
| 228 | 3 | 7 | 11 | 29 | 184 | 256 | 424 | 16 | 0 | | 24 |
| 229 | 3 | 7 | 11 | 1 | 176 | 248 | 416 | 474 | 0 | | 24 |
| 230 | 3 | 7 | 11 | 2 | 536 | 608 | 776 | 236 | 0 | | 24 |
| 231 | 3 | 7 | 11 | 1 | 584 | 656 | 824 | 472 | 0 | | 24 |
| 232 | 3 | 7 | 11 | 28 | 592 | 664 | 832 | 18 | 0 | | 24 |
| 233 | 3 | 7 | 11 | 9 | 776 | 848 | 1016 | 42 | 0 | | 24 |
| 234 | 3 | 7 | 11 | 11 | 944 | 1016 | 1184 | 36 | 0 | | 24 |
| 235 | 3 | 7 | 11 | 6 | 1016 | 1088 | 1256 | 67 | 0 | | 24 |
| 236 | 3 | 7 | 11 | 9 | 1024 | 1096 | 1264 | 45 | 0 | | 24 |
| 237 | 3 | 7 | 11 | 11 | 1208 | 1280 | 1448 | 36 | 0 | | 24 |
| 238 | 3 | 7 | 11 | 2 | 1216 | 1288 | 1456 | 195 | 0 | | 24 |
| 239 | 3 | 7 | 11 | 1 | 1264 | 1336 | 1504 | 418 | 0 | | 24 |
| 240 | 3 | 7 | 11 | 19 | 1360 | 1432 | 1600 | 23 | 0 | | 24 |
| 241 | 3 | 7 | 11 | 1 | 1352 | 1424 | 1592 | 442 | 0 | | 24 |
| 242 | 3 | 7 | 11 | 1 | 1360 | 1432 | 1600 | 442 | 0 | | 24 |
| 243 | 3 | 7 | 11 | 12 | 1432 | 1504 | 1672 | 33 | 0 | | 24 |
| 244 | 3 | 7 | 11 | 1 | 1520 | 1592 | 1760 | 353 | 0 | | 24 |
| 245 | 3 | 7 | 11 | 3 | 1528 | 1600 | 1768 | 118 | 0 | | 24 |
| 246 | 3 | 7 | 11 | 3 | 1624 | 1696 | 1864 | 159 | 0 | | 24 |
| 247 | 3 | 7 | 11 | 11 | 1624 | 1696 | 1864 | 43 | 0 | | 24 |
| 248 | 3 | 7 | 11 | 2 | 1696 | 1768 | 1936 | 189 | 0 | | 24 |
| 249 | 3 | 7 | 11 | 7 | 1712 | 1784 | 1952 | 53 | 0 | | 24 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 250 | 3 | 7 | 11 | 13 | 2072 | 2144 | 2312 | 33 | 0 | | 24 |
| 251 | 3 | 7 | 11 | 2 | 2080 | 2152 | 2488 | 0 | 0 | | 24 |
| 252 | 3 | 7 | 11 | 1 | 2080 | 2152 | 2320 | 431 | 0 | | 24 |
| 253 | 3 | 7 | 11 | 1 | 2200 | 2272 | 2440 | 337 | 0 | | 24 |
| 254 | 3 | 7 | 11 | 9 | 2296 | 2368 | 2536 | 48 | 0 | | 24 |
| 255 | 3 | 7 | 11 | 4 | 2320 | 2392 | 2560 | 108 | 0 | | 24 |
| 256 | 3 | 7 | 11 | 13 | 2576 | 2648 | 2816 | 30 | 0 | | 24 |
| 257 | 3 | 7 | 11 | 6 | 2728 | 2800 | 2968 | 62 | 0 | | 24 |
| 258 | 3 | 7 | 11 | 20 | 2792 | 2864 | 3032 | 22 | 0 | | 24 |
| 259 | 3 | 7 | 11 | 6 | 2912 | 2984 | 3152 | 67 | 0 | | 24 |
| 260 | 3 | 7 | 11 | 17 | 3064 | 3136 | 3304 | 26 | 0 | | 24 |
| 261 | 3 | 7 | 11 | 16 | 3128 | 3200 | 3368 | 27 | 0 | | 24 |
| 262 | 3 | 7 | 11 | 14 | 3208 | 3280 | 3448 | 30 | 0 | | 24 |
| 263 | 3 | 7 | 11 | 16 | 3280 | 3352 | 3520 | 30 | 0 | | 24 |
| 264 | 3 | 7 | 11 | 8 | 3368 | 3440 | 3608 | 55 | 0 | | 24 |
| 265 | 3 | 7 | 11 | 6 | 3584 | 3656 | 3824 | 72 | 0 | | 24 |
| 266 | 3 | 7 | 11 | 19 | 3832 | 3904 | 4072 | 23 | 0 | | 24 |
| 267 | 3 | 7 | 11 | 16 | 3904 | 3976 | 4144 | 29 | 0 | | 24 |
| 268 | 3 | 7 | 11 | 22 | 3976 | 4048 | 4216 | 21 | 0 | | 24 |
| 269 | 3 | 7 | 11 | 9 | 4040 | 4112 | 4280 | 48 | 0 | | 24 |
| 270 | 3 | 7 | 11 | 8 | 4112 | 4184 | 4352 | 57 | 0 | | 24 |
| 271 | 3 | 7 | 11 | 15 | 4136 | 4208 | 4376 | 31 | 0 | | 24 |
| 272 | 3 | 7 | 12 | 1 | 8 | 80 | 248 | 550 | 0 | | 0 |
| 273 | 3 | 7 | 12 | 9 | 16 | 88 | 256 | 61 | 0 | | 0 |
| 274 | 3 | 7 | 12 | 12 | 784 | 856 | 1024 | 38 | 0 | | 0 |
| 275 | 3 | 7 | 12 | 1 | 800 | 872 | 1040 | 418 | 0 | | 0 |
| 276 | 3 | 7 | 12 | 8 | 848 | 920 | 1088 | 69 | 0 | | 0 |
| 277 | 3 | 7 | 12 | 2 | 856 | 928 | 1096 | 276 | 0 | | 0 |
| 278 | 3 | 7 | 12 | 10 | 1120 | 1192 | 1360 | 55 | 0 | | 0 |
| 279 | 3 | 7 | 12 | 3 | 1136 | 1208 | 1376 | 156 | 0 | | 0 |
| 280 | 3 | 7 | 12 | 3 | 1288 | 1360 | 1528 | 149 | 0 | | 0 |
| 281 | 3 | 7 | 12 | 6 | 3544 | 3616 | 3784 | 86 | 0 | | 0 |
| 282 | 3 | 7 | 12 | 6 | 3704 | 3776 | 3944 | 86 | 0 | | 0 |
| 283 | 3 | 7 | 12 | 2 | 3760 | 3832 | 4000 | 251 | 0 | | 0 |
| 284 | 3 | 7 | 12 | 5 | 0 | 32 | 200 | 98 | 0 | | 24 |
| 285 | 3 | 7 | 12 | 8 | 136 | 208 | 376 | 66 | 0 | | 24 |
| 286 | 3 | 7 | 12 | 7 | 1048 | 1120 | 1288 | 73 | 0 | | 24 |
| 287 | 3 | 7 | 12 | 1 | 1568 | 1640 | 1808 | 418 | 0 | | 24 |
| 288 | 3 | 7 | 12 | 1 | 1816 | 1888 | 2056 | 418 | 0 | | 24 |
| 289 | 3 | 7 | 12 | 10 | 1984 | 2056 | 2224 | 55 | 0 | | 24 |
| 290 | 3 | 7 | 12 | 10 | 2200 | 2272 | 2440 | 56 | 0 | | 24 |
| 291 | 3 | 7 | 12 | 10 | 2240 | 2312 | 2480 | 56 | 0 | | 24 |
| 292 | 3 | 7 | 12 | 7 | 2312 | 2384 | 2552 | 73 | 0 | | 24 |
| 293 | 3 | 7 | 12 | 3 | 2488 | 2560 | 2728 | 150 | 0 | | 24 |
| 294 | 3 | 7 | 12 | 4 | 2824 | 2896 | 3064 | 116 | 0 | | 24 |
| 295 | 3 | 7 | 12 | 10 | 2888 | 2960 | 3128 | 56 | 0 | | 24 |
| 296 | 3 | 7 | 12 | 10 | 3104 | 3176 | 3344 | 56 | 0 | | 24 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 297 | 3 | 7 | 12 | 7 | 3160 | 3232 | 3400 | 75 | 0 | | 24 |
| 298 | 3 | 7 | 12 | 10 | 3296 | 3368 | 3536 | 56 | 0 | | 24 |
| 299 | 3 | 7 | 12 | 9 | 3424 | 3496 | 3664 | 61 | 0 | | 24 |
| 300 | 3 | 7 | 12 | 3 | 3568 | 3640 | 3808 | 160 | 0 | | 24 |
| 301 | 3 | 7 | 12 | 3 | 3752 | 3824 | 3992 | 167 | 0 | | 24 |
| 302 | 3 | 7 | 12 | 1 | 3880 | 3952 | 4120 | 561 | 0 | | 24 |
| 303 | 3 | 7 | 12 | 9 | 3872 | 3944 | 4112 | 62 | 0 | | 24 |
| 304 | 3 | 7 | 12 | 9 | 4216 | 4288 | 4456 | 61 | 0 | | 24 |
| 305 | 3 | 7 | 12 | 3 | 4232 | 4304 | 4472 | 183 | 0 | | 24 |
| 306 | 3 | 7 | 12 | 6 | 4240 | 4312 | 4480 | 92 | 0 | | 24 |
| 307 | 3 | 7 | 12 | 3 | 4256 | 4328 | 4496 | 175 | 0 | | 24 |
| 308 | 3 | 7 | 12 | 4 | 4264 | 4336 | 4504 | 131 | 0 | | 24 |
| 309 | 3 | 7 | 13 | 5 | 104 | 176 | 344 | 104 | 0 | | 24 |
| 310 | 3 | 7 | 13 | 6 | 2960 | 3032 | 3200 | 91 | 0 | | 24 |
| 311 | 3 | 7 | 13 | 10 | 3464 | 3536 | 3704 | 59 | 0 | | 24 |
| 312 | 3 | 7 | 13 | 5 | 3560 | 3632 | 3800 | 109 | 0 | | 24 |
| 313 | 3 | 7 | 13 | 1 | 3560 | 3632 | 3800 | 545 | 0 | | 24 |
| 314 | 3 | 7 | 13 | 1 | 3952 | 4024 | 4192 | 483 | 0 | | 24 |
| 315 | 3 | 7 | 13 | 8 | 4040 | 4112 | 4280 | 71 | 0 | | 24 |
| 316 | 3 | 7 | 13 | 2 | 520 | 592 | 928 | 0 | 0 | | 0 |
| 317 | 3 | 7 | 13 | 14 | 1760 | 1832 | 2000 | 39 | 0 | | 0 |
| 318 | 3 | 7 | 13 | 4 | 2032 | 2104 | 2272 | 138 | 0 | | 0 |
| 319 | 3 | 7 | 13 | 2 | 2024 | 2096 | 2264 | 275 | 0 | | 0 |
| 320 | 3 | 7 | 13 | 5 | 2032 | 2104 | 2272 | 110 | 0 | | 0 |
| 321 | 3 | 7 | 13 | 5 | 2824 | 2896 | 3064 | 100 | 0 | | 0 |
| 322 | 3 | 7 | 13 | 8 | 2968 | 3040 | 3208 | 70 | 0 | | 0 |
| 323 | 3 | 7 | 13 | 2 | 2968 | 3040 | 3208 | 280 | 0 | | 0 |
| 324 | 3 | 7 | 13 | 12 | 3088 | 3160 | 3328 | 48 | 0 | | 0 |
| 325 | 3 | 7 | 13 | 2 | 3496 | 3568 | 3736 | 271 | 0 | | 0 |
| 326 | 3 | 7 | 13 | 5 | 3488 | 3560 | 3728 | 108 | 0 | | 0 |
| 327 | 3 | 7 | 13 | 7 | 4144 | 4216 | 4384 | 75 | 0 | | 0 |
| 328 | 3 | 7 | 13 | 7 | 1064 | 1136 | 1304 | 78 | 0 | | 24 |
| 329 | 3 | 7 | 13 | 9 | 1688 | 1760 | 1928 | 64 | 0 | | 24 |
| 330 | 3 | 7 | 13 | 3 | 2048 | 2120 | 2288 | 162 | 0 | | 24 |
| 331 | 3 | 7 | 13 | 7 | 2072 | 2144 | 2312 | 78 | 0 | | 24 |
| 332 | 3 | 7 | 13 | 1 | 2128 | 2200 | 2368 | 460 | 0 | | 24 |
| 333 | 3 | 7 | 13 | 12 | 3080 | 3152 | 3320 | 50 | 0 | | 24 |
| 334 | 3 | 7 | 13 | 5 | 3376 | 3448 | 3616 | 111 | 0 | | 24 |
| 335 | 3 | 7 | 13 | 1 | 3376 | 3448 | 3616 | 554 | 0 | | 24 |
| 336 | 3 | 7 | 13 | 7 | 4256 | 4328 | 4496 | 81 | 0 | | 24 |
| 337 | 3 | 7 | 13 | 2 | 1072 | 1144 | 1312 | 290 | 0 | | 24 |
| 338 | 3 | 7 | 13 | 5 | 1064 | 1136 | 1304 | 116 | 0 | | 24 |
| 339 | 3 | 7 | 13 | 5 | 808 | 880 | 1048 | 113 | 0 | | 24 |
| 340 | 3 | 7 | 13 | 7 | 808 | 880 | 1048 | 80 | 0 | | 24 |
| 341 | 3 | 7 | 13 | 2 | 904 | 976 | 1144 | 234 | 0 | | 24 |
| 342 | 3 | 7 | 13 | 9 | 976 | 1048 | 1216 | 61 | 0 | | 24 |
| 343 | 3 | 7 | 13 | 2 | 976 | 1048 | 1216 | 276 | 0 | | 24 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|---------------|-------|------|---------|---------|----------|------|
| 344 | 3 | 7 | 13 | 7 | 1072 | 1144 | 1312 | 83 | 0 | 24 |
| 345 | 3 | 7 | 13 | 10 | 1216 | 1288 | 1456 | 55 | 0 | 24 |
| 346 | 3 | 7 | 13 | 1 | 1208 | 1280 | 1448 | 552 | 0 | 24 |
| 347 | 3 | 7 | 13 | 1 | 2056 | 2128 | 2296 | 486 | 0 | 24 |
| 348 | 3 | 7 | 13 | 3 | 2080 | 2152 | 2320 | 181 | 0 | 24 |
| 349 | 3 | 7 | 13 | 12 | 2144 | 2216 | 2384 | 47 | 0 | 24 |
| 350 | 3 | 7 | 13 | 14 | 2192 | 2264 | 2432 | 42 | 0 | 24 |
| 351 | 3 | 7 | 13 | 17 | 2264 | 2336 | 2504 | 34 | 0 | 24 |
| 352 | 3 | 7 | 13 | 1 | 2264 | 2336 | 2504 | 578 | 0 | 24 |
| 353 | 3 | 7 | 13 | 7 | 2360 | 2432 | 2600 | 74 | 0 | 24 |
| 354 | 3 | 7 | 13 | 6 | 2416 | 2488 | 2656 | 85 | 0 | 24 |
| 355 | 3 | 7 | 13 | 8 | 2456 | 2528 | 2696 | 66 | 0 | 24 |
| 356 | 3 | 7 | 13 | 5 | 2584 | 2656 | 2824 | 100 | 0 | 24 |
| 357 | 3 | 7 | 13 | 13 | 2624 | 2696 | 2864 | 46 | 0 | 24 |
| 358 | 3 | 7 | 13 | 2 | 2632 | 2704 | 2872 | 297 | 0 | 24 |
| 359 | 3 | 7 | 13 | 12 | 2944 | 3016 | 3184 | 48 | 0 | 24 |
| 360 | 3 | 7 | 13 | 5 | 2992 | 3064 | 3232 | 104 | 0 | 24 |
| 361 | 3 | 7 | 13 | 15 | 3088 | 3160 | 3328 | 40 | 0 | 24 |
| 362 | 3 | 7 | 13 | 8 | 3128 | 3200 | 3368 | 66 | 0 | 24 |
| 363 | 3 | 7 | 13 | 8 | 3232 | 3304 | 3472 | 68 | 0 | 24 |
| 364 | 3 | 7 | 13 | 9 | 3256 | 3328 | 3496 | 65 | 0 | 24 |
| 365 | 3 | 7 | 13 | 6 | 3368 | 3440 | 3608 | 90 | 0 | 24 |
| 366 | 3 | 7 | 13 | 1 | 3376 | 3448 | 3616 | 541 | 0 | 24 |
| 367 | 3 | 7 | 13 | 7 | 3416 | 3488 | 3656 | 77 | 0 | 24 |
| 368 | 3 | 7 | 13 | 14 | 3488 | 3560 | 3728 | 42 | 0 | 24 |
| 369 | 3 | 7 | 13 | 11 | 3568 | 3640 | 3808 | 53 | 0 | 24 |
| 370 | 3 | 7 | 13 | 2 | 3568 | 3640 | 3808 | 291 | 0 | 24 |
| 371 | 3 | 7 | 13 | 10 | 3712 | 3784 | 3952 | 56 | 0 | 24 |
| 372 | 3 | 7 | 13 | 7 | 3752 | 3824 | 3992 | 77 | 0 | 24 |
| 373 | 3 | 7 | 13 | 14 | 3896 | 3968 | 4136 | 42 | 0 | 24 |
| 374 | 3 | 7 | 13 | 8 | 3976 | 4048 | 4216 | 69 | 0 | 24 |
| 375 | 3 | 7 | 13 | 7 | 4064 | 4136 | 4304 | 80 | 0 | 24 |
| 376 | 3 | 7 | 13 | 3 | 4064 | 4136 | 4304 | 187 | 0 | 24 |
| 377 | 3 | 7 | 13 | 6 | 4208 | 4280 | 4448 | 89 | 0 | 24 |
| 378 | 3 | 7 | 13 | 12 | 4288 | 4360 | 4528 | 49 | 0 | 24 |
| 379 | 3 | 7 | 14 | 5 | 1688 | 1760 | 1928 | 129 | 0 | 24 |
| 380 | 3 | 7 | 14 | 5 | 1856 | 1928 | 2096 | 127 | 0 | 24 |
| 381 | 3 | 7 | 14 | 2 | 2272 | 2344 | 2512 | 282 | 0 | 24 |
| 382 | 3 | 7 | 14 | 5 | 2648 | 2720 | 2888 | 120 | 0 | 24 |
| 383 | 3 | 7 | 14 | 7 | 2816 | 2888 | 3056 | 91 | 0 | 24 |
| 384 | 3 | 7 | 14 | 4 | 4120 | 4192 | 4360 | 150 | 0 | 24 |
| 385 | 3 | 7 | 14 | 7 | 4280 | 4352 | 4520 | 91 | 0 | 24 |
| 386 | 3 | 7 | 15 | 6 | 2552 | 2624 | 2960 | 0 | 0 | 0 |
| 387 | 3 | 7 | 16 | 2 | 3056 | 3128 | 3464 | 0 | 0 | 0 |
| 388 | 3 | 7 | 17 | 7 | 4232 | 4304 | 4472 | 37 | 0 | 0 |
| 389 | 3 | 7 | 17 | 2 | 1552 | 1624 | 1960 | 0 | 0 | 0 |
| 390 | 3 | 7 | 17 | 2 | 1712 | 1784 | 2120 | 0 | 0 | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 391 | 3 | 7 | 18 | 2 | 2408 | 2480 | 2816 | 0 | 0 | | 0 |
| 392 | 3 | 7 | 18 | 2 | 2744 | 2816 | 3152 | 0 | 0 | | 0 |
| 393 | 3 | 7 | 19 | 4 | 232 | 304 | 640 | 0 | 0 | | 0 |
| 394 | 3 | 7 | 19 | 2 | 224 | 296 | 632 | 0 | 0 | | 0 |
| 395 | 3 | 7 | 19 | 14 | 232 | 304 | 640 | 0 | 0 | | 0 |
| 396 | 3 | 7 | 19 | 14 | 224 | 296 | 632 | 0 | 0 | | 0 |
| 397 | 3 | 7 | 19 | 4 | 256 | 328 | 664 | 0 | 0 | | 0 |
| 398 | 3 | 7 | 19 | 4 | 3128 | 3200 | 3536 | 0 | 0 | | 0 |
| 399 | 3 | 7 | 19 | 2 | 3152 | 3224 | 3560 | 0 | 0 | | 0 |
| 400 | 3 | 7 | 19 | 3 | 3392 | 3464 | 3800 | 0 | 0 | | 0 |
| 401 | 3 | 7 | 19 | 14 | 2480 | 2552 | 2888 | 0 | 0 | | 24 |
| 402 | 3 | 7 | 20 | 16 | 1544 | 1616 | 1952 | 0 | 0 | | 24 |
| 403 | 3 | 7 | 20 | 14 | 2488 | 2560 | 2896 | 0 | 0 | | 24 |
| 404 | 3 | 7 | 21 | 10 | 2072 | 2144 | 2480 | 0 | 0 | | 0 |
| 405 | 3 | 7 | 21 | 5 | 1144 | 1216 | 1384 | 100 | 0 | | 0 |
| 406 | 3 | 7 | 21 | 11 | 1400 | 1472 | 1640 | 53 | 0 | | 0 |
| 407 | 3 | 7 | 21 | 1 | 1408 | 1480 | 1648 | 578 | 0 | | 0 |
| 408 | 3 | 7 | 21 | 2 | 1792 | 1864 | 2032 | 294 | 0 | | 0 |
| 409 | 3 | 7 | 21 | 10 | 1784 | 1856 | 2024 | 59 | 0 | | 0 |
| 410 | 3 | 7 | 21 | 1 | 1808 | 1880 | 2048 | 549 | 0 | | 0 |
| 411 | 3 | 7 | 21 | 7 | 1816 | 1888 | 2056 | 78 | 0 | | 0 |
| 412 | 3 | 7 | 21 | 1 | 2248 | 2320 | 2488 | 460 | 0 | | 0 |
| 413 | 3 | 7 | 21 | 14 | 2456 | 2528 | 2696 | 43 | 0 | | 0 |
| 414 | 3 | 7 | 21 | 5 | 3152 | 3224 | 3392 | 106 | 0 | | 0 |
| 415 | 3 | 7 | 21 | 6 | 3224 | 3296 | 3464 | 90 | 0 | | 0 |
| 416 | 3 | 7 | 21 | 12 | 3880 | 3952 | 4120 | 49 | 0 | | 0 |
| 417 | 3 | 7 | 21 | 4 | 3968 | 4040 | 4208 | 130 | 0 | | 0 |
| 418 | 3 | 7 | 21 | 6 | 4112 | 4184 | 4352 | 90 | 0 | | 0 |
| 419 | 3 | 7 | 23 | 4 | 688 | 760 | 1096 | 0 | 0 | | 0 |
| 420 | 3 | 7 | 23 | 22 | 760 | 832 | 1168 | 0 | 0 | | 0 |
| 421 | 3 | 7 | 23 | 20 | 752 | 824 | 1160 | 0 | 0 | | 24 |
| 422 | 3 | 7 | 23 | 6 | 760 | 832 | 1168 | 0 | 0 | | 24 |
| 423 | 3 | 7 | 24 | 12 | 712 | 784 | 1120 | 0 | 0 | | 0 |
| 424 | 3 | 7 | 24 | 2 | 544 | 616 | 952 | 0 | 0 | | 0 |
| 425 | 3 | 7 | 24 | 2 | 704 | 776 | 1112 | 0 | 0 | | 0 |
| 426 | 3 | 7 | 24 | 46 | 704 | 776 | 1112 | 0 | 0 | | 0 |
| 427 | 3 | 7 | 24 | 18 | 3136 | 3208 | 3544 | 0 | 0 | | 0 |
| 428 | 3 | 7 | 24 | 2 | 3160 | 3232 | 3568 | 0 | 0 | | 0 |
| 429 | 3 | 7 | 25 | 24 | 2392 | 2464 | 2800 | 0 | 0 | | 24 |
| 430 | 3 | 7 | 26 | 2 | 176 | 248 | 584 | 0 | 0 | | 0 |
| 431 | 3 | 7 | 26 | 2 | 416 | 488 | 824 | 0 | 0 | | 0 |
| 432 | 3 | 7 | 26 | 2 | 2392 | 2464 | 2800 | 0 | 0 | | 24 |
| 433 | 3 | 7 | 28 | 4 | 392 | 464 | 800 | 0 | 0 | | 0 |
| 434 | 3 | 7 | 28 | 16 | 400 | 472 | 808 | 0 | 0 | | 0 |
| 435 | 3 | 7 | 28 | 28 | 184 | 256 | 592 | 0 | 0 | | 24 |
| 436 | 3 | 7 | 28 | 6 | 400 | 472 | 808 | 0 | 0 | | 24 |
| 437 | 3 | 7 | 28 | 24 | 392 | 464 | 800 | 0 | 0 | | 24 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 438 | 3 | 7 | 28 | 4 | 392 | 464 | 800 | 0 | 0 | | 24 |
| 439 | 3 | 7 | 28 | 4 | 400 | 472 | 808 | 0 | 0 | | 24 |
| 440 | 3 | 7 | 28 | 32 | 536 | 608 | 776 | 2 | 0 | | 24 |
| 441 | 3 | 7 | 28 | 2 | 544 | 616 | 952 | 0 | 0 | | 24 |
| 442 | 3 | 7 | 29 | 8 | 1592 | 1664 | 2000 | 0 | 0 | | 0 |
| 443 | 3 | 7 | 29 | 4 | 0 | 32 | 368 | 0 | 0 | | 0 |
| 444 | 3 | 7 | 29 | 8 | 2536 | 2608 | 2944 | 0 | 0 | | 0 |
| 445 | 3 | 7 | 32 | 20 | 424 | 496 | 832 | 0 | 0 | | 24 |
| 446 | 3 | 7 | 39 | 2 | 1232 | 1304 | 1472 | 206 | 0 | | 0 |
| 447 | 3 | 7 | 39 | 6 | 1192 | 1264 | 1432 | 77 | 0 | | 24 |
| 448 | 3 | 7 | 39 | 1 | 1216 | 1288 | 1456 | 403 | 0 | | 24 |
| 449 | 3 | 7 | 40 | 2 | 32 | 104 | 440 | 0 | 0 | | 0 |
| 450 | 3 | 7 | 40 | 2 | 32 | 104 | 440 | 0 | 0 | | 24 |
| 451 | 3 | 7 | 40 | 18 | 2528 | 2600 | 2936 | 0 | 0 | | 24 |
| 452 | 3 | 7 | 40 | 10 | 2752 | 2824 | 3160 | 0 | 0 | | 24 |
| 453 | 3 | 7 | 40 | 2 | 2768 | 2840 | 3176 | 0 | 0 | | 24 |
| 454 | 3 | 7 | 40 | 2 | 784 | 856 | 1024 | 298 | 0 | | 24 |
| 455 | 3 | 7 | 40 | 8 | 2728 | 2800 | 2968 | 86 | 0 | | 24 |
| 456 | 3 | 7 | 40 | 5 | 3376 | 3448 | 3616 | 134 | 0 | | 24 |
| 457 | 3 | 7 | 41 | 2 | 3560 | 3632 | 3968 | 0 | 0 | | 0 |
| 458 | 3 | 7 | 41 | 2 | 4160 | 4232 | 4568 | 0 | 0 | | 0 |
| 459 | 3 | 7 | 43 | 2 | 2224 | 2296 | 2632 | 0 | 0 | | 0 |
| 460 | 3 | 7 | 43 | 2 | 3808 | 3880 | 4216 | 0 | 0 | | 0 |
| 461 | 3 | 7 | 44 | 2 | 1448 | 1520 | 1688 | 239 | 0 | | 24 |
| 462 | 3 | 7 | 44 | 5 | 3704 | 3776 | 3944 | 107 | 0 | | 24 |
| 463 | 3 | 7 | 44 | 11 | 3728 | 3800 | 3968 | 51 | 0 | | 24 |
| 464 | 3 | 7 | 44 | 2 | 4072 | 4144 | 4312 | 267 | 0 | | 24 |
| 465 | 3 | 7 | 44 | 3 | 4072 | 4144 | 4312 | 178 | 0 | | 24 |
| 466 | 3 | 7 | 44 | 6 | 128 | 200 | 368 | 83 | 0 | | 24 |
| 467 | 3 | 7 | 44 | 9 | 1256 | 1328 | 1496 | 62 | 0 | | 24 |
| 468 | 3 | 7 | 44 | 8 | 1592 | 1664 | 1832 | 69 | 0 | | 24 |
| 469 | 3 | 7 | 44 | 12 | 1744 | 1816 | 1984 | 48 | 0 | | 24 |
| 470 | 3 | 7 | 44 | 15 | 1864 | 1936 | 2104 | 38 | 0 | | 24 |
| 471 | 3 | 7 | 44 | 16 | 1904 | 1976 | 2144 | 35 | 0 | | 24 |
| 472 | 3 | 7 | 44 | 10 | 2096 | 2168 | 2336 | 56 | 0 | | 24 |
| 473 | 3 | 7 | 44 | 2 | 2104 | 2176 | 2344 | 279 | 0 | | 24 |
| 474 | 3 | 7 | 44 | 1 | 2120 | 2192 | 2360 | 558 | 0 | | 24 |
| 475 | 3 | 7 | 44 | 16 | 2296 | 2368 | 2536 | 35 | 0 | | 24 |
| 476 | 3 | 7 | 44 | 18 | 2608 | 2680 | 2848 | 32 | 0 | | 24 |
| 477 | 3 | 7 | 44 | 6 | 2776 | 2848 | 3016 | 79 | 0 | | 24 |
| 478 | 3 | 7 | 44 | 10 | 2936 | 3008 | 3176 | 54 | 0 | | 24 |
| 479 | 3 | 7 | 44 | 8 | 3224 | 3296 | 3464 | 69 | 0 | | 24 |
| 480 | 3 | 7 | 44 | 6 | 0 | 40 | 208 | 89 | 0 | | 0 |
| 481 | 3 | 7 | 44 | 11 | 88 | 160 | 328 | 52 | 0 | | 0 |
| 482 | 3 | 7 | 44 | 9 | 584 | 656 | 824 | 61 | 0 | | 0 |
| 483 | 3 | 7 | 44 | 6 | 872 | 944 | 1112 | 86 | 0 | | 0 |
| 484 | 3 | 7 | 44 | 2 | 968 | 1040 | 1208 | 233 | 0 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 485 | 3 | 7 | 44 | 1 | 1048 | 1120 | 1288 | 584 | 0 | 0 | |
| 486 | 3 | 7 | 44 | 11 | 1040 | 1112 | 1280 | 53 | 0 | 0 | |
| 487 | 3 | 7 | 44 | 4 | 1208 | 1280 | 1448 | 124 | 0 | 0 | |
| 488 | 3 | 7 | 44 | 2 | 1288 | 1360 | 1528 | 232 | 0 | 0 | |
| 489 | 3 | 7 | 44 | 2 | 1456 | 1528 | 1696 | 239 | 0 | 0 | |
| 490 | 3 | 7 | 44 | 4 | 1568 | 1640 | 1976 | 0 | 0 | 0 | |
| 491 | 3 | 7 | 44 | 10 | 1576 | 1648 | 1984 | 0 | 0 | 0 | |
| 492 | 3 | 7 | 44 | 2 | 1600 | 1672 | 2008 | 0 | 0 | 0 | |
| 493 | 3 | 7 | 44 | 6 | 1600 | 1672 | 1840 | 88 | 0 | 0 | |
| 494 | 3 | 7 | 44 | 4 | 1600 | 1672 | 2008 | 0 | 0 | 0 | |
| 495 | 3 | 7 | 44 | 4 | 1720 | 1792 | 1960 | 123 | 0 | 0 | |
| 496 | 3 | 7 | 44 | 8 | 1808 | 1880 | 2048 | 67 | 0 | 0 | |
| 497 | 3 | 7 | 44 | 10 | 1952 | 2024 | 2192 | 59 | 0 | 0 | |
| 498 | 3 | 7 | 44 | 12 | 2216 | 2288 | 2456 | 49 | 0 | 0 | |
| 499 | 3 | 7 | 44 | 9 | 2464 | 2536 | 2704 | 61 | 0 | 0 | |
| 500 | 3 | 7 | 44 | 8 | 2752 | 2824 | 2992 | 67 | 0 | 0 | |
| 501 | 3 | 7 | 44 | 12 | 2864 | 2936 | 3104 | 50 | 0 | 0 | |
| 502 | 3 | 7 | 44 | 2 | 2944 | 3016 | 3184 | 252 | 0 | 0 | |
| 503 | 3 | 7 | 44 | 1 | 2936 | 3008 | 3176 | 542 | 0 | 0 | |
| 504 | 3 | 7 | 44 | 10 | 2984 | 3056 | 3224 | 60 | 0 | 0 | |
| 505 | 3 | 7 | 44 | 2 | 3064 | 3136 | 3472 | 0 | 0 | 0 | |
| 506 | 3 | 7 | 44 | 9 | 3112 | 3184 | 3352 | 63 | 0 | 0 | |
| 507 | 3 | 7 | 44 | 5 | 3400 | 3472 | 3640 | 106 | 0 | 0 | |
| 508 | 3 | 7 | 44 | 1 | 3472 | 3544 | 3712 | 555 | 0 | 0 | |
| 509 | 3 | 7 | 44 | 7 | 3472 | 3544 | 3712 | 79 | 0 | 0 | |
| 510 | 3 | 7 | 44 | 8 | 3736 | 3808 | 3976 | 69 | 0 | 0 | |
| 511 | 3 | 7 | 44 | 6 | 3760 | 3832 | 4000 | 90 | 0 | 0 | |
| 512 | 3 | 7 | 44 | 9 | 3824 | 3896 | 4064 | 63 | 0 | 0 | |
| 513 | 3 | 7 | 44 | 6 | 3904 | 3976 | 4144 | 90 | 0 | 0 | |
| 514 | 3 | 7 | | 15 | 1040 | 1112 | 1280 | 36 | 0 | 0 | |
| 515 | 3 | 8 | 6 | 1 | 2608 | 2680 | 3016 | 0 | 0 | 24 | |
| 516 | 3 | 8 | 15 | 1 | 376 | 448 | 784 | 0 | 0 | 0 | |
| 517 | 3 | 8 | 17 | 1 | 2528 | 2600 | 2936 | 0 | 0 | 24 | |
| 518 | 3 | 9 | 6 | 1 | 1136 | 1208 | 1544 | 0 | 0 | 0 | |
| 519 | 3 | 9 | 6 | 1 | 4000 | 4072 | 4408 | 0 | 0 | 0 | |
| 520 | 3 | 9 | 39 | 7 | 1960 | 2032 | 2200 | 48 | 0 | 24 | |
| 521 | 3 | 9 | 39 | 6 | 2936 | 3008 | 3176 | 56 | 0 | 24 | |
| 522 | 3 | 10 | 6 | 1 | 832 | 904 | 1240 | 0 | 0 | 0 | |
| 523 | 3 | 10 | 11 | 2 | 440 | 512 | 848 | 0 | 0 | 24 | |
| 524 | 3 | 11 | 1 | 1 | 2936 | 3008 | 3176 | 1089 | 1 | 0 | |
| 525 | 3 | 11 | 1 | 1 | 3280 | 3352 | 3520 | 1100 | 1 | 0 | |
| 526 | 3 | 11 | 1 | 1 | 3448 | 3520 | 3688 | 1090 | 1 | 0 | |
| 527 | 3 | 11 | 2 | 1 | 1712 | 1784 | 2120 | 0 | 0 | 0 | |
| 528 | 3 | 11 | 3 | 6 | 2768 | 2840 | 3176 | 0 | 0 | 24 | |
| 529 | 3 | 11 | 3 | 3 | 2768 | 2840 | 3176 | 0 | 0 | 24 | |
| 530 | 3 | 11 | 3 | 1 | 2800 | 2872 | 3208 | 0 | 0 | 24 | |
| 531 | 3 | 11 | 3 | 2 | 2792 | 2864 | 3200 | 0 | 0 | 24 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 532 | 3 | 11 | 3 | 2 | 2776 | 2848 | 3184 | 0 | 0 | 24 | |
| 533 | 3 | 11 | 3 | 1 | 3248 | 3320 | 3656 | 0 | 0 | 0 | |
| 534 | 3 | 11 | 3 | 2 | 3256 | 3328 | 3664 | 0 | 1 | 0 | |
| 535 | 3 | 11 | 3 | 2 | 3272 | 3344 | 3680 | 0 | 0 | 0 | |
| 536 | 3 | 11 | 3 | 2 | 3296 | 3368 | 3704 | 0 | 0 | 0 | |
| 537 | 3 | 11 | 3 | 1 | 3304 | 3376 | 3712 | 0 | 0 | 0 | |
| 538 | 3 | 11 | 3 | 1 | 3344 | 3416 | 3752 | 0 | 0 | 0 | |
| 539 | 3 | 11 | 3 | 3 | 3752 | 3824 | 4160 | 0 | 0 | 0 | |
| 540 | 3 | 11 | 3 | 1 | 3760 | 3832 | 4168 | 0 | 0 | 0 | |
| 541 | 3 | 11 | 3 | 3 | 3752 | 3824 | 4160 | 0 | 0 | 24 | |
| 542 | 3 | 11 | 3 | 1 | 3784 | 3856 | 4192 | 0 | 0 | 24 | |
| 543 | 3 | 11 | 3 | 1 | 3800 | 3872 | 4208 | 0 | 0 | 24 | |
| 544 | 3 | 11 | 3 | 1 | 3808 | 3880 | 4216 | 0 | 0 | 24 | |
| 545 | 3 | 11 | 6 | 1 | 1592 | 1664 | 2000 | 0 | 0 | 24 | |
| 546 | 3 | 11 | 6 | 4 | 1616 | 1688 | 2024 | 0 | 0 | 24 | |
| 547 | 3 | 11 | 6 | 1 | 1688 | 1760 | 2096 | 0 | 0 | 24 | |
| 548 | 3 | 11 | 6 | 3 | 1952 | 2024 | 2360 | 0 | 0 | 24 | |
| 549 | 3 | 11 | 6 | 1 | 1984 | 2056 | 2392 | 0 | 0 | 24 | |
| 550 | 3 | 11 | 6 | 2 | 2024 | 2096 | 2432 | 0 | 0 | 24 | |
| 551 | 3 | 11 | 6 | 4 | 2080 | 2152 | 2488 | 0 | 0 | 24 | |
| 552 | 3 | 11 | 6 | 5 | 688 | 760 | 1096 | 0 | 0 | 0 | |
| 553 | 3 | 11 | 6 | 8 | 776 | 848 | 1184 | 0 | 0 | 0 | |
| 554 | 3 | 11 | 6 | 1 | 832 | 904 | 1240 | 0 | 0 | 0 | |
| 555 | 3 | 11 | 6 | 4 | 880 | 952 | 1288 | 0 | 0 | 0 | |
| 556 | 3 | 11 | 6 | 4 | 1360 | 1432 | 1768 | 0 | 0 | 0 | |
| 557 | 3 | 11 | 6 | 4 | 1400 | 1472 | 1808 | 0 | 0 | 0 | |
| 558 | 3 | 11 | 6 | 4 | 1568 | 1640 | 1976 | 0 | 0 | 0 | |
| 559 | 3 | 11 | 6 | 1 | 1624 | 1696 | 2032 | 0 | 0 | 0 | |
| 560 | 3 | 11 | 6 | 2 | 1696 | 1768 | 2104 | 0 | 0 | 0 | |
| 561 | 3 | 11 | 6 | 1 | 2968 | 3040 | 3376 | 0 | 0 | 0 | |
| 562 | 3 | 11 | 6 | 1 | 2960 | 3032 | 3368 | 0 | 0 | 24 | |
| 563 | 3 | 11 | 7 | 5 | 1552 | 1624 | 1960 | 0 | 0 | 24 | |
| 564 | 3 | 11 | 7 | 5 | 1544 | 1616 | 1952 | 0 | 0 | 24 | |
| 565 | 3 | 11 | 7 | 1 | 3800 | 3872 | 4208 | 0 | 0 | 24 | |
| 566 | 3 | 11 | 8 | 1 | 64 | 136 | 472 | 0 | 0 | 0 | |
| 567 | 3 | 11 | 8 | 1 | 56 | 128 | 464 | 0 | 0 | 0 | |
| 568 | 3 | 11 | 8 | 1 | 80 | 152 | 488 | 0 | 0 | 0 | |
| 569 | 3 | 11 | 8 | 1 | 568 | 640 | 976 | 0 | 0 | 0 | |
| 570 | 3 | 11 | 10 | 4 | 376 | 448 | 784 | 0 | 0 | 0 | |
| 571 | 3 | 11 | 10 | 2 | 392 | 464 | 800 | 0 | 0 | 0 | |
| 572 | 3 | 11 | 10 | 1 | 392 | 464 | 800 | 0 | 0 | 0 | |
| 573 | 3 | 11 | 10 | 4 | 560 | 632 | 968 | 0 | 0 | 0 | |
| 574 | 3 | 11 | 10 | 1 | 592 | 664 | 1000 | 0 | 0 | 0 | |
| 575 | 3 | 11 | 11 | 1 | 400 | 472 | 808 | 0 | 0 | 24 | |
| 576 | 3 | 11 | 11 | 1 | 1432 | 1504 | 1840 | 0 | 0 | 0 | |
| 577 | 3 | 11 | 11 | 1 | 1448 | 1520 | 1856 | 0 | 0 | 0 | |
| 578 | 3 | 11 | 11 | 1 | 1904 | 1976 | 2312 | 0 | 0 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|---------------|
| 579 | 3 | 11 | 11 | 1 | 2072 | 2144 | 2480 | 0 | 0 | 0 |
| 580 | 3 | 11 | 11 | 5 | 2408 | 2480 | 2816 | 0 | 0 | 0 |
| 581 | 3 | 11 | 11 | 1 | 2432 | 2504 | 2840 | 0 | 0 | 0 |
| 582 | 3 | 11 | 11 | 6 | 2440 | 2512 | 2848 | 0 | 0 | 0 |
| 583 | 3 | 11 | 11 | 7 | 2464 | 2536 | 2872 | 0 | 0 | 0 |
| 584 | 3 | 11 | 11 | 2 | 4120 | 4192 | 4528 | 0 | 0 | 0 |
| 585 | 3 | 11 | 11 | 2 | 4136 | 4208 | 4544 | 0 | 0 | 0 |
| 586 | 3 | 11 | 11 | 1 | 4240 | 4312 | 4648 | 0 | 0 | 0 |
| 587 | 3 | 11 | 11 | 1 | 2992 | 3064 | 3400 | 0 | 0 | 0 |
| 588 | 3 | 11 | 11 | 1 | 4112 | 4184 | 4520 | 0 | 0 | 0 |
| 589 | 3 | 11 | 12 | 2 | 1888 | 1960 | 2296 | 0 | 0 | 24 |
| 590 | 3 | 11 | 12 | 5 | 1912 | 1984 | 2320 | 0 | 0 | 24 |
| 591 | 3 | 11 | 12 | 6 | 3808 | 3880 | 4048 | 86 | 0 | 24 |
| 592 | 3 | 11 | 13 | 2 | 2416 | 2488 | 2824 | 0 | 0 | 24 |
| 593 | 3 | 11 | 13 | 1 | 1864 | 1936 | 2272 | 0 | 0 | 0 |
| 594 | 3 | 11 | 13 | 2 | 3800 | 3872 | 4208 | 0 | 0 | 0 |
| 595 | 3 | 11 | 13 | 1 | 2072 | 2144 | 2480 | 0 | 0 | 24 |
| 596 | 3 | 11 | 15 | 2 | 0 | 32 | 200 | 202 | 1 | 0 |
| 597 | 3 | 11 | 15 | 5 | 64 | 136 | 304 | 81 | 1 | 0 |
| 598 | 3 | 11 | 15 | 5 | 88 | 160 | 328 | 81 | 1 | 0 |
| 599 | 3 | 11 | 15 | 9 | 400 | 472 | 640 | 45 | 1 | 0 |
| 600 | 3 | 11 | 15 | 10 | 440 | 512 | 848 | 0 | 1 | 0 |
| 601 | 3 | 11 | 15 | 5 | 536 | 608 | 776 | 81 | 1 | 0 |
| 602 | 3 | 11 | 15 | 5 | 560 | 632 | 800 | 81 | 1 | 0 |
| 603 | 3 | 11 | 15 | 4 | 1072 | 1144 | 1480 | 0 | 1 | 0 |
| 604 | 3 | 11 | 15 | 12 | 1112 | 1184 | 1520 | 0 | 1 | 0 |
| 605 | 3 | 11 | 15 | 7 | 1408 | 1480 | 1816 | 0 | 1 | 0 |
| 606 | 3 | 11 | 15 | 6 | 1424 | 1496 | 1832 | 0 | 1 | 0 |
| 607 | 3 | 11 | 15 | 2 | 2960 | 3032 | 3368 | 0 | 1 | 0 |
| 608 | 3 | 11 | 15 | 8 | 3112 | 3184 | 3352 | 53 | 1 | 0 |
| 609 | 3 | 11 | 15 | 2 | 3104 | 3176 | 3344 | 210 | 1 | 0 |
| 610 | 3 | 11 | 15 | 7 | 3256 | 3328 | 3496 | 60 | 1 | 0 |
| 611 | 3 | 11 | 15 | 1 | 3248 | 3320 | 3488 | 420 | 1 | 0 |
| 612 | 3 | 11 | 15 | 2 | 3280 | 3352 | 3520 | 210 | 1 | 0 |
| 613 | 3 | 11 | 17 | 1 | 920 | 992 | 1328 | 0 | 0 | 0 |
| 614 | 3 | 11 | 17 | 1 | 976 | 1048 | 1384 | 0 | 0 | 0 |
| 615 | 3 | 11 | 17 | 4 | 584 | 656 | 992 | 0 | 0 | 0 |
| 616 | 3 | 11 | 17 | 1 | 616 | 688 | 1024 | 0 | 0 | 0 |
| 617 | 3 | 11 | 17 | 3 | 632 | 704 | 1040 | 0 | 0 | 0 |
| 618 | 3 | 11 | 17 | 2 | 952 | 1024 | 1360 | 0 | 0 | 0 |
| 619 | 3 | 11 | 17 | 1 | 968 | 1040 | 1376 | 0 | 0 | 0 |
| 620 | 3 | 11 | 17 | 1 | 3272 | 3344 | 3512 | 753 | 1 | 0 |
| 621 | 3 | 11 | 20 | 1 | 3808 | 3880 | 4048 | 1 | 1 | 0 |
| 622 | 3 | 11 | 21 | 1 | 3800 | 3872 | 4208 | 0 | 0 | 24 |
| 623 | 3 | 11 | 23 | 1 | 872 | 944 | 1280 | 0 | 0 | 0 |
| 624 | 3 | 11 | 23 | 1 | 1456 | 1528 | 1864 | 0 | 0 | 0 |
| 625 | 3 | 11 | 23 | 1 | 2296 | 2368 | 2704 | 0 | 0 | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 626 | 3 | 11 | 23 | 1 | 848 | 920 | 1256 | 0 | 0 | 24 | |
| 627 | 3 | 11 | 23 | 3 | 880 | 952 | 1288 | 0 | 0 | 24 | |
| 628 | 3 | 11 | 23 | 2 | 2744 | 2816 | 3152 | 0 | 0 | 0 | |
| 629 | 3 | 11 | 24 | 1 | 8 | 80 | 248 | 768 | 1 | 0 | |
| 630 | 3 | 11 | 24 | 1 | 40 | 112 | 280 | 653 | 1 | 0 | |
| 631 | 3 | 11 | 24 | 1 | 1720 | 1792 | 1960 | 656 | 1 | 0 | |
| 632 | 3 | 11 | 24 | 1 | 3224 | 3296 | 3464 | 673 | 1 | 0 | |
| 633 | 3 | 11 | 24 | 2 | 3280 | 3352 | 3520 | 335 | 1 | 0 | |
| 634 | 3 | 11 | 24 | 1 | 3760 | 3832 | 4000 | 673 | 1 | 0 | |
| 635 | 3 | 11 | 24 | 1 | 4144 | 4216 | 4384 | 673 | 1 | 0 | |
| 636 | 3 | 11 | 28 | 2 | 2920 | 2992 | 3328 | 0 | 0 | 24 | |
| 637 | 3 | 11 | 30 | 1 | 3992 | 4064 | 4400 | 0 | 0 | 24 | |
| 638 | 3 | 11 | 33 | 2 | 1712 | 1784 | 1952 | 561 | 0 | 24 | |
| 639 | 3 | 11 | 38 | 1 | 2416 | 2488 | 2824 | 0 | 0 | 0 | |
| 640 | 3 | 11 | 39 | 3 | 1856 | 1928 | 2264 | 0 | 0 | 24 | |
| 641 | 3 | 11 | 39 | 2 | 2080 | 2152 | 2488 | 0 | 0 | 24 | |
| 642 | 3 | 11 | 39 | 4 | 2128 | 2200 | 2536 | 0 | 0 | 24 | |
| 643 | 3 | 11 | 39 | 10 | 2144 | 2216 | 2552 | 0 | 0 | 24 | |
| 644 | 3 | 11 | 39 | 1 | 2432 | 2504 | 2840 | 0 | 0 | 24 | |
| 645 | 3 | 11 | 39 | 1 | 4232 | 4304 | 4640 | 0 | 0 | 24 | |
| 646 | 3 | 11 | 39 | 1 | 1960 | 2032 | 2368 | 0 | 0 | 24 | |
| 647 | 3 | 11 | 40 | 1 | 4264 | 4336 | 4672 | 0 | 0 | 0 | |
| 648 | 3 | 11 | 40 | 1 | 1600 | 1672 | 2008 | 0 | 0 | 24 | |
| 649 | 3 | 11 | 40 | 1 | 2384 | 2456 | 2792 | 0 | 0 | 24 | |
| 650 | 3 | 11 | 40 | 1 | 2752 | 2824 | 3160 | 0 | 0 | 0 | |
| 651 | 3 | 11 | 41 | 1 | 4000 | 4072 | 4408 | 0 | 0 | 24 | |
| 652 | 3 | 11 | 41 | 1 | 544 | 616 | 952 | 0 | 0 | 0 | |
| 653 | 3 | 11 | 41 | 1 | 568 | 640 | 976 | 0 | 0 | 0 | |
| 654 | 3 | 11 | 41 | 1 | 2888 | 2960 | 3128 | 734 | 0 | 0 | |
| 655 | 3 | 11 | 42 | 1 | 1048 | 1120 | 1456 | 0 | 0 | 0 | |
| 656 | 3 | 11 | 42 | 4 | 1048 | 1120 | 1456 | 0 | 0 | 0 | |
| 657 | 3 | 11 | 42 | 9 | 1576 | 1648 | 1984 | 0 | 0 | 0 | |
| 658 | 3 | 11 | 42 | 1 | 1576 | 1648 | 1984 | 0 | 0 | 0 | |
| 659 | 3 | 11 | 42 | 1 | 224 | 296 | 632 | 0 | 0 | 24 | |
| 660 | 3 | 11 | 42 | 4 | 968 | 1040 | 1376 | 0 | 0 | 24 | |
| 661 | 3 | 11 | 42 | 1 | 1232 | 1304 | 1640 | 0 | 0 | 0 | |
| 662 | 3 | 11 | 43 | 1 | 976 | 1048 | 1384 | 0 | 0 | 0 | |
| 663 | 3 | 11 | 43 | 1 | 1016 | 1088 | 1424 | 0 | 0 | 0 | |
| 664 | 3 | 11 | 43 | 2 | 1040 | 1112 | 1448 | 0 | 0 | 0 | |
| 665 | 3 | 11 | 43 | 2 | 1040 | 1112 | 1448 | 0 | 0 | 0 | |
| 666 | 3 | 11 | 43 | 1 | 1568 | 1640 | 1976 | 0 | 0 | 0 | |
| 667 | 3 | 11 | 44 | 1 | 2968 | 3040 | 3376 | 0 | 0 | 0 | |
| 668 | 3 | 12 | 20 | 1 | 1760 | 1832 | 2000 | 796 | 1 | 0 | |
| 669 | 3 | 12 | 20 | 1 | 1768 | 1840 | 2008 | 796 | 1 | 0 | |
| 670 | 3 | 13 | 11 | 2 | 1928 | 2000 | 2336 | 0 | 0 | 24 | |
| 671 | 3 | 13 | 11 | 4 | 1936 | 2008 | 2344 | 0 | 0 | 24 | |
| 672 | 3 | 13 | 11 | 1 | 32 | 104 | 440 | 0 | 0 | 24 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 673 | 3 | 13 | 11 | 4 | 2504 | 2576 | 2912 | 0 | 0 | 24 | |
| 674 | 3 | 13 | 11 | 1 | 3400 | 3472 | 3808 | 0 | 0 | 24 | |
| 675 | 3 | 13 | 11 | 1 | 1216 | 1288 | 1624 | 0 | 0 | 0 | |
| 676 | 3 | 13 | 11 | 1 | 464 | 536 | 872 | 0 | 0 | 24 | |
| 677 | 3 | 13 | 11 | 4 | 472 | 544 | 880 | 0 | 0 | 24 | |
| 678 | 3 | 13 | 11 | 1 | 800 | 872 | 1208 | 0 | 0 | 24 | |
| 679 | 3 | 13 | 11 | 3 | 808 | 880 | 1216 | 0 | 0 | 24 | |
| 680 | 3 | 13 | 11 | 1 | 944 | 1016 | 1352 | 0 | 0 | 24 | |
| 681 | 3 | 13 | 11 | 1 | 952 | 1024 | 1360 | 0 | 0 | 24 | |
| 682 | 3 | 13 | 11 | 6 | 968 | 1040 | 1376 | 0 | 0 | 24 | |
| 683 | 3 | 13 | 11 | 1 | 1792 | 1864 | 2200 | 0 | 0 | 24 | |
| 684 | 3 | 13 | 11 | 2 | 1784 | 1856 | 2192 | 0 | 0 | 24 | |
| 685 | 3 | 13 | 11 | 1 | 1984 | 2056 | 2392 | 0 | 0 | 24 | |
| 686 | 3 | 13 | 11 | 1 | 2072 | 2144 | 2480 | 0 | 0 | 24 | |
| 687 | 3 | 13 | 11 | 1 | 2080 | 2152 | 2488 | 0 | 0 | 24 | |
| 688 | 3 | 13 | 11 | 1 | 2120 | 2192 | 2528 | 0 | 0 | 24 | |
| 689 | 3 | 13 | 11 | 1 | 2320 | 2392 | 2728 | 0 | 0 | 24 | |
| 690 | 3 | 13 | 11 | 3 | 2312 | 2384 | 2720 | 0 | 0 | 24 | |
| 691 | 3 | 13 | 11 | 1 | 2464 | 2536 | 2872 | 0 | 0 | 24 | |
| 692 | 3 | 13 | 11 | 1 | 2648 | 2720 | 3056 | 0 | 0 | 24 | |
| 693 | 3 | 13 | 11 | 1 | 3064 | 3136 | 3472 | 0 | 0 | 24 | |
| 694 | 3 | 13 | 11 | 1 | 3056 | 3128 | 3464 | 0 | 0 | 24 | |
| 695 | 3 | 13 | 11 | 1 | 3064 | 3136 | 3472 | 0 | 0 | 24 | |
| 696 | 3 | 13 | 11 | 1 | 3536 | 3608 | 3944 | 0 | 0 | 24 | |
| 697 | 3 | 13 | 11 | 2 | 3544 | 3616 | 3952 | 0 | 0 | 24 | |
| 698 | 3 | 13 | 11 | 1 | 3560 | 3632 | 3968 | 0 | 0 | 24 | |
| 699 | 3 | 13 | 11 | 2 | 3568 | 3640 | 3976 | 0 | 0 | 24 | |
| 700 | 3 | 13 | 11 | 3 | 3824 | 3896 | 4232 | 0 | 0 | 24 | |
| 701 | 3 | 13 | 11 | 1 | 3832 | 3904 | 4240 | 0 | 0 | 24 | |
| 702 | 3 | 13 | 11 | 4 | 3896 | 3968 | 4304 | 0 | 0 | 24 | |
| 703 | 3 | 13 | 11 | 2 | 3976 | 4048 | 4384 | 0 | 0 | 24 | |
| 704 | 3 | 13 | 13 | 1 | 760 | 832 | 1168 | 0 | 0 | 24 | |
| 705 | 3 | 13 | 43 | 3 | 1232 | 1304 | 1472 | 278 | 1 | 0 | |
| 706 | 3 | 15 | 1 | 1 | 4144 | 4216 | 4384 | 1307 | 1 | 0 | |
| 707 | 3 | 15 | 1 | 1 | 296 | 368 | 704 | 0 | 1 | 0 | |
| 708 | 3 | 15 | 1 | 1 | 280 | 352 | 688 | 0 | 1 | 0 | |
| 709 | 3 | 15 | 1 | 5 | 400 | 472 | 640 | 305 | 1 | 0 | |
| 710 | 3 | 15 | 11 | 1 | 1072 | 1144 | 1480 | 0 | 0 | 0 | |
| 711 | 3 | 15 | 15 | 1 | 80 | 152 | 320 | 426 | 1 | 0 | |
| 712 | 3 | 15 | 15 | 1 | 824 | 896 | 1064 | 681 | 1 | 0 | |
| 713 | 3 | 15 | 15 | 1 | 1496 | 1568 | 1736 | 677 | 1 | 0 | |
| 714 | 3 | 15 | 15 | 1 | 1984 | 2056 | 2224 | 660 | 1 | 0 | |
| 715 | 3 | 15 | 15 | 1 | 1976 | 2048 | 2216 | 669 | 1 | 0 | |
| 716 | 3 | 15 | 15 | 1 | 4112 | 4184 | 4352 | 440 | 1 | 0 | |
| 717 | 3 | 15 | 15 | 1 | 2816 | 2888 | 3056 | 394 | 0 | 0 | |
| 718 | 3 | 15 | 15 | 1 | 2864 | 2936 | 3104 | 407 | 0 | 0 | |
| 719 | 3 | 15 | 15 | 1 | 0 | 40 | 208 | 395 | 0 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 720 | 3 | 15 | 15 | 1 | 56 | 128 | 296 | 417 | 0 | 0 | |
| 721 | 3 | 15 | 15 | 1 | 88 | 160 | 328 | 400 | 0 | 0 | |
| 722 | 3 | 15 | 15 | 2 | 224 | 296 | 464 | 207 | 0 | 0 | |
| 723 | 3 | 15 | 15 | 1 | 272 | 344 | 512 | 389 | 0 | 0 | |
| 724 | 3 | 15 | 15 | 1 | 416 | 488 | 656 | 404 | 0 | 0 | |
| 725 | 3 | 15 | 15 | 1 | 424 | 496 | 664 | 455 | 0 | 0 | |
| 726 | 3 | 15 | 15 | 1 | 440 | 512 | 680 | 408 | 0 | 0 | |
| 727 | 3 | 15 | 15 | 1 | 520 | 592 | 760 | 404 | 0 | 0 | |
| 728 | 3 | 15 | 15 | 1 | 560 | 632 | 800 | 401 | 0 | 0 | |
| 729 | 3 | 15 | 15 | 1 | 856 | 928 | 1096 | 387 | 0 | 0 | |
| 730 | 3 | 15 | 15 | 1 | 848 | 920 | 1088 | 402 | 0 | 0 | |
| 731 | 3 | 15 | 15 | 1 | 928 | 1000 | 1168 | 399 | 0 | 0 | |
| 732 | 3 | 15 | 15 | 1 | 920 | 992 | 1160 | 399 | 0 | 0 | |
| 733 | 3 | 15 | 15 | 1 | 928 | 1000 | 1168 | 387 | 0 | 0 | |
| 734 | 3 | 15 | 15 | 1 | 920 | 992 | 1160 | 387 | 0 | 0 | |
| 735 | 3 | 15 | 15 | 1 | 952 | 1024 | 1192 | 391 | 0 | 0 | |
| 736 | 3 | 15 | 15 | 1 | 1016 | 1088 | 1256 | 450 | 0 | 0 | |
| 737 | 3 | 15 | 15 | 1 | 1048 | 1120 | 1288 | 387 | 0 | 0 | |
| 738 | 3 | 15 | 15 | 1 | 1096 | 1168 | 1336 | 448 | 0 | 0 | |
| 739 | 3 | 15 | 15 | 1 | 1088 | 1160 | 1328 | 431 | 0 | 0 | |
| 740 | 3 | 15 | 15 | 2 | 1168 | 1240 | 1408 | 194 | 0 | 0 | |
| 741 | 3 | 15 | 15 | 1 | 1208 | 1280 | 1448 | 406 | 0 | 0 | |
| 742 | 3 | 15 | 15 | 1 | 1216 | 1288 | 1456 | 437 | 0 | 0 | |
| 743 | 3 | 15 | 15 | 2 | 1232 | 1304 | 1472 | 231 | 0 | 0 | |
| 744 | 3 | 15 | 15 | 1 | 1288 | 1360 | 1528 | 400 | 0 | 0 | |
| 745 | 3 | 15 | 15 | 1 | 1280 | 1352 | 1520 | 387 | 0 | 0 | |
| 746 | 3 | 15 | 15 | 1 | 1360 | 1432 | 1600 | 390 | 0 | 0 | |
| 747 | 3 | 15 | 15 | 1 | 1376 | 1448 | 1616 | 385 | 0 | 0 | |
| 748 | 3 | 15 | 15 | 1 | 1384 | 1456 | 1624 | 397 | 0 | 0 | |
| 749 | 3 | 15 | 15 | 2 | 1424 | 1496 | 1664 | 192 | 0 | 0 | |
| 750 | 3 | 15 | 15 | 1 | 1480 | 1552 | 1720 | 386 | 0 | 0 | |
| 751 | 3 | 15 | 15 | 2 | 1544 | 1616 | 1784 | 200 | 0 | 0 | |
| 752 | 3 | 15 | 15 | 2 | 1552 | 1624 | 1792 | 211 | 0 | 0 | |
| 753 | 3 | 15 | 15 | 1 | 1592 | 1664 | 1832 | 383 | 0 | 0 | |
| 754 | 3 | 15 | 15 | 1 | 1648 | 1720 | 1888 | 384 | 0 | 0 | |
| 755 | 3 | 15 | 15 | 1 | 1688 | 1760 | 1928 | 397 | 0 | 0 | |
| 756 | 3 | 15 | 15 | 1 | 1864 | 1936 | 2104 | 386 | 0 | 0 | |
| 757 | 3 | 15 | 15 | 1 | 1856 | 1928 | 2096 | 383 | 0 | 0 | |
| 758 | 3 | 15 | 15 | 1 | 1864 | 1936 | 2104 | 383 | 0 | 0 | |
| 759 | 3 | 15 | 15 | 2 | 1976 | 2048 | 2216 | 194 | 0 | 0 | |
| 760 | 3 | 15 | 15 | 1 | 2032 | 2104 | 2272 | 383 | 0 | 0 | |
| 761 | 3 | 15 | 15 | 1 | 2024 | 2096 | 2264 | 383 | 0 | 0 | |
| 762 | 3 | 15 | 15 | 1 | 2056 | 2128 | 2296 | 383 | 0 | 0 | |
| 763 | 3 | 15 | 15 | 1 | 2048 | 2120 | 2288 | 387 | 0 | 0 | |
| 764 | 3 | 15 | 15 | 1 | 2272 | 2344 | 2512 | 387 | 0 | 0 | |
| 765 | 3 | 15 | 15 | 2 | 2360 | 2432 | 2600 | 212 | 0 | 0 | |
| 766 | 3 | 15 | 15 | 1 | 2392 | 2464 | 2632 | 391 | 0 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|---------------|
| 767 | 3 | 15 | 15 | 1 | 2408 | 2480 | 2648 | 448 | 0 | 0 |
| 768 | 3 | 15 | 15 | 1 | 2440 | 2512 | 2680 | 388 | 0 | 0 |
| 769 | 3 | 15 | 15 | 1 | 2456 | 2528 | 2696 | 390 | 0 | 0 |
| 770 | 3 | 15 | 15 | 1 | 2464 | 2536 | 2704 | 390 | 0 | 0 |
| 771 | 3 | 15 | 15 | 1 | 2528 | 2600 | 2768 | 442 | 0 | 0 |
| 772 | 3 | 15 | 15 | 1 | 2536 | 2608 | 2776 | 404 | 0 | 0 |
| 773 | 3 | 15 | 15 | 1 | 2552 | 2624 | 2792 | 404 | 0 | 0 |
| 774 | 3 | 15 | 15 | 1 | 2584 | 2656 | 2824 | 391 | 0 | 0 |
| 775 | 3 | 15 | 15 | 1 | 2576 | 2648 | 2816 | 387 | 0 | 0 |
| 776 | 3 | 15 | 15 | 1 | 2728 | 2800 | 2968 | 422 | 0 | 0 |
| 777 | 3 | 15 | 15 | 1 | 2720 | 2792 | 2960 | 388 | 0 | 0 |
| 778 | 3 | 15 | 15 | 1 | 2728 | 2800 | 2968 | 430 | 0 | 0 |
| 779 | 3 | 15 | 15 | 1 | 2936 | 3008 | 3176 | 400 | 0 | 0 |
| 780 | 3 | 15 | 15 | 1 | 2944 | 3016 | 3184 | 393 | 0 | 0 |
| 781 | 3 | 15 | 15 | 1 | 3008 | 3080 | 3248 | 406 | 0 | 0 |
| 782 | 3 | 15 | 15 | 1 | 3056 | 3128 | 3296 | 405 | 0 | 0 |
| 783 | 3 | 15 | 15 | 1 | 3064 | 3136 | 3304 | 400 | 0 | 0 |
| 784 | 3 | 15 | 15 | 1 | 3104 | 3176 | 3344 | 398 | 0 | 0 |
| 785 | 3 | 15 | 15 | 1 | 3160 | 3232 | 3400 | 404 | 0 | 0 |
| 786 | 3 | 15 | 15 | 1 | 3256 | 3328 | 3496 | 393 | 0 | 0 |
| 787 | 3 | 15 | 15 | 1 | 3248 | 3320 | 3488 | 405 | 0 | 0 |
| 788 | 3 | 15 | 15 | 1 | 3376 | 3448 | 3616 | 437 | 0 | 0 |
| 789 | 3 | 15 | 15 | 1 | 3784 | 3856 | 4024 | 402 | 0 | 0 |
| 790 | 3 | 15 | 15 | 1 | 3776 | 3848 | 4016 | 417 | 0 | 0 |
| 791 | 3 | 15 | 15 | 1 | 3808 | 3880 | 4048 | 403 | 0 | 0 |
| 792 | 3 | 15 | 15 | 1 | 3896 | 3968 | 4136 | 406 | 0 | 0 |
| 793 | 3 | 15 | 15 | 1 | 3904 | 3976 | 4144 | 398 | 0 | 0 |
| 794 | 3 | 15 | 15 | 1 | 3968 | 4040 | 4208 | 406 | 0 | 0 |
| 795 | 3 | 15 | 15 | 1 | 3976 | 4048 | 4216 | 424 | 0 | 0 |
| 796 | 3 | 15 | 15 | 1 | 3968 | 4040 | 4208 | 392 | 0 | 0 |
| 797 | 3 | 15 | 15 | 1 | 4048 | 4120 | 4288 | 403 | 0 | 0 |
| 798 | 3 | 15 | 15 | 1 | 4040 | 4112 | 4280 | 394 | 0 | 0 |
| 799 | 3 | 15 | 15 | 1 | 4048 | 4120 | 4288 | 437 | 0 | 0 |
| 800 | 3 | 15 | 15 | 1 | 4040 | 4112 | 4280 | 434 | 0 | 0 |
| 801 | 3 | 15 | 15 | 1 | 4096 | 4168 | 4336 | 399 | 0 | 0 |
| 802 | 3 | 15 | 15 | 1 | 4088 | 4160 | 4328 | 411 | 0 | 0 |
| 803 | 3 | 15 | 15 | 1 | 4144 | 4216 | 4384 | 401 | 0 | 0 |
| 804 | 3 | 15 | 15 | 1 | 4136 | 4208 | 4376 | 406 | 0 | 0 |
| 805 | 3 | 15 | 15 | 1 | 4144 | 4216 | 4384 | 399 | 0 | 0 |
| 806 | 3 | 15 | 15 | 1 | 4216 | 4288 | 4456 | 401 | 0 | 0 |
| 807 | 3 | 15 | 15 | 1 | 4280 | 4352 | 4520 | 402 | 0 | 24 |
| 808 | 3 | 15 | 17 | 1 | 688 | 760 | 928 | 808 | 1 | 0 |
| 809 | 3 | 15 | 17 | 1 | 704 | 776 | 944 | 754 | 1 | 0 |
| 810 | 3 | 15 | 17 | 2 | 712 | 784 | 952 | 404 | 1 | 0 |
| 811 | 3 | 15 | 17 | 2 | 704 | 776 | 944 | 394 | 1 | 0 |
| 812 | 3 | 15 | 17 | 15 | 784 | 856 | 1024 | 54 | 1 | 0 |
| 813 | 3 | 15 | 17 | 1 | 776 | 848 | 1016 | 803 | 1 | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 814 | 3 | 15 | 17 | 1 | 784 | 856 | 1024 | 748 | 1 | | 0 |
| 815 | 3 | 15 | 17 | 2 | 800 | 872 | 1040 | 374 | 1 | | 0 |
| 816 | 3 | 15 | 17 | 1 | 1064 | 1136 | 1304 | 840 | 1 | | 0 |
| 817 | 3 | 15 | 17 | 4 | 1096 | 1168 | 1336 | 209 | 1 | | 0 |
| 818 | 3 | 15 | 17 | 2 | 1088 | 1160 | 1328 | 377 | 1 | | 0 |
| 819 | 3 | 15 | 17 | 8 | 1096 | 1168 | 1336 | 104 | 1 | | 0 |
| 820 | 3 | 15 | 17 | 12 | 1088 | 1160 | 1328 | 70 | 1 | | 0 |
| 821 | 3 | 15 | 17 | 3 | 2744 | 2816 | 2984 | 256 | 1 | | 0 |
| 822 | 3 | 15 | 17 | 11 | 2800 | 2872 | 3040 | 70 | 1 | | 0 |
| 823 | 3 | 15 | 17 | 1 | 2824 | 2896 | 3064 | 828 | 1 | | 0 |
| 824 | 3 | 15 | 17 | 1 | 2840 | 2912 | 3080 | 772 | 1 | | 0 |
| 825 | 3 | 15 | 17 | 15 | 2848 | 2920 | 3088 | 51 | 1 | | 0 |
| 826 | 3 | 15 | 17 | 2 | 2944 | 3016 | 3184 | 378 | 1 | | 0 |
| 827 | 3 | 15 | 17 | 2 | 3064 | 3136 | 3304 | 404 | 1 | | 0 |
| 828 | 3 | 15 | 17 | 9 | 3056 | 3128 | 3296 | 90 | 1 | | 0 |
| 829 | 3 | 15 | 17 | 1 | 3088 | 3160 | 3328 | 683 | 1 | | 0 |
| 830 | 3 | 15 | 17 | 1 | 3152 | 3224 | 3392 | 784 | 1 | | 0 |
| 831 | 3 | 15 | 17 | 4 | 3280 | 3352 | 3520 | 188 | 1 | | 0 |
| 832 | 3 | 15 | 17 | 6 | 3296 | 3368 | 3536 | 131 | 1 | | 0 |
| 833 | 3 | 15 | 17 | 2 | 3304 | 3376 | 3544 | 392 | 1 | | 0 |
| 834 | 3 | 15 | 17 | 1 | 3344 | 3416 | 3584 | 768 | 1 | | 0 |
| 835 | 3 | 15 | 17 | 2 | 3376 | 3448 | 3616 | 392 | 1 | | 0 |
| 836 | 3 | 15 | 17 | 3 | 3368 | 3440 | 3608 | 267 | 1 | | 0 |
| 837 | 3 | 15 | 17 | 1 | 3392 | 3464 | 3632 | 800 | 1 | | 0 |
| 838 | 3 | 15 | 17 | 1 | 4208 | 4280 | 4448 | 797 | 1 | | 0 |
| 839 | 3 | 15 | 17 | 1 | 4232 | 4304 | 4472 | 888 | 1 | | 0 |
| 840 | 3 | 15 | 18 | 1 | 1456 | 1528 | 1696 | 1793 | 0 | | 0 |
| 841 | 3 | 15 | 18 | 1 | 1592 | 1664 | 1832 | 1044 | 0 | | 0 |
| 842 | 3 | 15 | 18 | 3 | 1856 | 1928 | 2096 | 341 | 0 | | 0 |
| 843 | 3 | 15 | 18 | 2 | 4064 | 4136 | 4304 | 591 | 0 | | 0 |
| 844 | 3 | 15 | 19 | 1 | 2632 | 2704 | 2872 | 705 | 1 | 24 | |
| 845 | 3 | 15 | 19 | 1 | 2656 | 2728 | 2896 | 704 | 1 | 24 | |
| 846 | 3 | 15 | 19 | 1 | 2800 | 2872 | 3040 | 686 | 1 | 24 | |
| 847 | 3 | 15 | 19 | 1 | 3272 | 3344 | 3512 | 710 | 1 | 24 | |
| 848 | 3 | 15 | 19 | 1 | 3472 | 3544 | 3712 | 708 | 1 | 24 | |
| 849 | 3 | 15 | 20 | 1 | 3976 | 4048 | 4216 | 882 | 1 | | 0 |
| 850 | 3 | 15 | 20 | 5 | 0 | 64 | 232 | 171 | 1 | | 0 |
| 851 | 3 | 15 | 20 | 1 | 64 | 136 | 304 | 855 | 1 | | 0 |
| 852 | 3 | 15 | 20 | 1 | 280 | 352 | 520 | 940 | 1 | | 0 |
| 853 | 3 | 15 | 20 | 1 | 424 | 496 | 664 | 987 | 1 | | 0 |
| 854 | 3 | 15 | 20 | 1 | 464 | 536 | 704 | 855 | 1 | | 0 |
| 855 | 3 | 15 | 20 | 4 | 520 | 592 | 760 | 214 | 1 | | 0 |
| 856 | 3 | 15 | 20 | 1 | 536 | 608 | 776 | 923 | 1 | | 0 |
| 857 | 3 | 15 | 20 | 2 | 568 | 640 | 808 | 467 | 1 | | 0 |
| 858 | 3 | 15 | 20 | 1 | 632 | 704 | 872 | 950 | 1 | | 0 |
| 859 | 3 | 15 | 20 | 1 | 712 | 784 | 952 | 950 | 1 | | 0 |
| 860 | 3 | 15 | 20 | 1 | 704 | 776 | 944 | 945 | 1 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|---------------|
| 861 | 3 | 15 | 20 | 2 | 760 | 832 | 1000 | 428 | 1 | 0 |
| 862 | 3 | 15 | 20 | 1 | 752 | 824 | 992 | 855 | 1 | 0 |
| 863 | 3 | 15 | 20 | 1 | 760 | 832 | 1000 | 855 | 1 | 0 |
| 864 | 3 | 15 | 20 | 2 | 976 | 1048 | 1216 | 453 | 1 | 0 |
| 865 | 3 | 15 | 20 | 1 | 968 | 1040 | 1208 | 885 | 1 | 0 |
| 866 | 3 | 15 | 20 | 1 | 1000 | 1072 | 1240 | 870 | 1 | 0 |
| 867 | 3 | 15 | 20 | 1 | 1016 | 1088 | 1256 | 860 | 1 | 0 |
| 868 | 3 | 15 | 20 | 2 | 1048 | 1120 | 1288 | 430 | 1 | 0 |
| 869 | 3 | 15 | 20 | 1 | 1040 | 1112 | 1280 | 928 | 1 | 0 |
| 870 | 3 | 15 | 20 | 1 | 1096 | 1168 | 1336 | 952 | 1 | 0 |
| 871 | 3 | 15 | 20 | 1 | 1256 | 1328 | 1496 | 948 | 1 | 0 |
| 872 | 3 | 15 | 20 | 7 | 1336 | 1408 | 1576 | 123 | 1 | 0 |
| 873 | 3 | 15 | 20 | 1 | 1328 | 1400 | 1568 | 860 | 1 | 0 |
| 874 | 3 | 15 | 20 | 2 | 1400 | 1472 | 1640 | 455 | 1 | 0 |
| 875 | 3 | 15 | 20 | 1 | 1448 | 1520 | 1688 | 860 | 1 | 0 |
| 876 | 3 | 15 | 20 | 3 | 1480 | 1552 | 1720 | 296 | 1 | 0 |
| 877 | 3 | 15 | 20 | 1 | 1504 | 1576 | 1744 | 860 | 1 | 0 |
| 878 | 3 | 15 | 20 | 2 | 1520 | 1592 | 1760 | 430 | 1 | 0 |
| 879 | 3 | 15 | 20 | 3 | 1552 | 1624 | 1792 | 287 | 1 | 0 |
| 880 | 3 | 15 | 20 | 3 | 1568 | 1640 | 1808 | 287 | 1 | 0 |
| 881 | 3 | 15 | 20 | 2 | 1600 | 1672 | 1840 | 430 | 1 | 0 |
| 882 | 3 | 15 | 20 | 2 | 1600 | 1672 | 1840 | 430 | 1 | 0 |
| 883 | 3 | 15 | 20 | 1 | 1616 | 1688 | 1856 | 925 | 1 | 0 |
| 884 | 3 | 15 | 20 | 3 | 1672 | 1744 | 1912 | 287 | 1 | 0 |
| 885 | 3 | 15 | 20 | 1 | 1760 | 1832 | 2000 | 962 | 1 | 0 |
| 886 | 3 | 15 | 20 | 3 | 1840 | 1912 | 2080 | 290 | 1 | 0 |
| 887 | 3 | 15 | 20 | 1 | 1888 | 1960 | 2128 | 872 | 1 | 0 |
| 888 | 3 | 15 | 20 | 3 | 1928 | 2000 | 2168 | 287 | 1 | 0 |
| 889 | 3 | 15 | 20 | 4 | 2056 | 2128 | 2296 | 236 | 1 | 0 |
| 890 | 3 | 15 | 20 | 1 | 2072 | 2144 | 2312 | 922 | 1 | 0 |
| 891 | 3 | 15 | 20 | 1 | 2120 | 2192 | 2360 | 905 | 1 | 0 |
| 892 | 3 | 15 | 20 | 2 | 2168 | 2240 | 2408 | 459 | 1 | 0 |
| 893 | 3 | 15 | 20 | 1 | 2200 | 2272 | 2440 | 915 | 1 | 0 |
| 894 | 3 | 15 | 20 | 1 | 2384 | 2456 | 2624 | 930 | 1 | 0 |
| 895 | 3 | 15 | 20 | 1 | 2440 | 2512 | 2680 | 906 | 1 | 0 |
| 896 | 3 | 15 | 20 | 1 | 2600 | 2672 | 2840 | 883 | 1 | 0 |
| 897 | 3 | 15 | 20 | 6 | 2696 | 2768 | 2936 | 151 | 1 | 0 |
| 898 | 3 | 15 | 20 | 6 | 2728 | 2800 | 2968 | 135 | 1 | 0 |
| 899 | 3 | 15 | 20 | 1 | 2768 | 2840 | 3008 | 869 | 1 | 0 |
| 900 | 3 | 15 | 20 | 1 | 2776 | 2848 | 3016 | 869 | 1 | 0 |
| 901 | 3 | 15 | 20 | 4 | 2792 | 2864 | 3032 | 223 | 1 | 0 |
| 902 | 3 | 15 | 20 | 1 | 2792 | 2864 | 3032 | 869 | 1 | 0 |
| 903 | 3 | 15 | 20 | 1 | 2800 | 2872 | 3040 | 869 | 1 | 0 |
| 904 | 3 | 15 | 20 | 1 | 3128 | 3200 | 3368 | 991 | 1 | 0 |
| 905 | 3 | 15 | 20 | 2 | 3296 | 3368 | 3536 | 484 | 1 | 0 |
| 906 | 3 | 15 | 20 | 2 | 3352 | 3424 | 3592 | 441 | 1 | 0 |
| 907 | 3 | 15 | 20 | 1 | 3368 | 3440 | 3608 | 882 | 1 | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 908 | 3 | 15 | 20 | 1 | 3376 | 3448 | 3616 | 963 | 1 | 0 | |
| 909 | 3 | 15 | 20 | 1 | 3392 | 3464 | 3632 | 954 | 1 | 0 | |
| 910 | 3 | 15 | 20 | 3 | 3424 | 3496 | 3664 | 294 | 1 | 0 | |
| 911 | 3 | 15 | 20 | 3 | 3416 | 3488 | 3656 | 312 | 1 | 0 | |
| 912 | 3 | 15 | 20 | 3 | 3464 | 3536 | 3704 | 325 | 1 | 0 | |
| 913 | 3 | 15 | 20 | 4 | 3520 | 3592 | 3760 | 241 | 1 | 0 | |
| 914 | 3 | 15 | 20 | 5 | 3656 | 3728 | 3896 | 176 | 1 | 0 | |
| 915 | 3 | 15 | 20 | 1 | 3712 | 3784 | 3952 | 882 | 1 | 0 | |
| 916 | 3 | 15 | 20 | 1 | 3728 | 3800 | 3968 | 882 | 1 | 0 | |
| 917 | 3 | 15 | 20 | 1 | 3800 | 3872 | 4040 | 931 | 1 | 0 | |
| 918 | 3 | 15 | 20 | 1 | 3832 | 3904 | 4072 | 997 | 1 | 0 | |
| 919 | 3 | 15 | 20 | 1 | 3824 | 3896 | 4064 | 882 | 1 | 0 | |
| 920 | 3 | 15 | 20 | 2 | 3832 | 3904 | 4072 | 474 | 1 | 0 | |
| 921 | 3 | 15 | 20 | 3 | 3872 | 3944 | 4112 | 313 | 1 | 0 | |
| 922 | 3 | 15 | 20 | 2 | 3904 | 3976 | 4144 | 441 | 1 | 0 | |
| 923 | 3 | 15 | 20 | 1 | 3920 | 3992 | 4160 | 948 | 1 | 0 | |
| 924 | 3 | 15 | 20 | 1 | 3928 | 4000 | 4168 | 882 | 1 | 0 | |
| 925 | 3 | 15 | 20 | 1 | 3944 | 4016 | 4184 | 882 | 1 | 0 | |
| 926 | 3 | 15 | 20 | 2 | 4072 | 4144 | 4312 | 441 | 1 | 0 | |
| 927 | 3 | 15 | 20 | 1 | 4072 | 4144 | 4312 | 882 | 1 | 0 | |
| 928 | 3 | 15 | 20 | 1 | 4064 | 4136 | 4304 | 882 | 1 | 0 | |
| 929 | 3 | 15 | 20 | 1 | 4096 | 4168 | 4336 | 882 | 1 | 0 | |
| 930 | 3 | 15 | 20 | 3 | 4160 | 4232 | 4400 | 318 | 1 | 0 | |
| 931 | 3 | 15 | 20 | 5 | 4192 | 4264 | 4432 | 192 | 1 | 0 | |
| 932 | 3 | 15 | 20 | 1 | 4208 | 4280 | 4448 | 970 | 1 | 0 | |
| 933 | 3 | 15 | 20 | 1 | 4264 | 4336 | 4504 | 958 | 1 | 0 | |
| 934 | 3 | 15 | 20 | 1 | 3352 | 3424 | 3592 | 882 | 1 | 0 | |
| 935 | 3 | 15 | 20 | 1 | 3704 | 3776 | 3944 | 882 | 1 | 0 | |
| 936 | 3 | 15 | 20 | 1 | 4240 | 4312 | 4480 | 480 | 1 | 0 | |
| 937 | 3 | 15 | 24 | 1 | 2104 | 2176 | 2344 | 838 | 1 | 0 | |
| 938 | 3 | 15 | 24 | 1 | 2096 | 2168 | 2336 | 838 | 1 | 0 | |
| 939 | 3 | 15 | 24 | 1 | 2104 | 2176 | 2344 | 838 | 1 | 0 | |
| 940 | 3 | 15 | 26 | 1 | 3008 | 3080 | 3248 | 1111 | 1 | 0 | |
| 941 | 3 | 15 | 26 | 2 | 0 | 32 | 200 | 542 | 1 | 0 | |
| 942 | 3 | 15 | 26 | 1 | 1408 | 1480 | 1648 | 1115 | 1 | 0 | |
| 943 | 3 | 15 | 26 | 1 | 1816 | 1888 | 2056 | 1037 | 1 | 0 | |
| 944 | 3 | 15 | 26 | 1 | 1808 | 1880 | 2048 | 1105 | 1 | 0 | |
| 945 | 3 | 15 | 26 | 1 | 2152 | 2224 | 2392 | 1087 | 1 | 0 | |
| 946 | 3 | 15 | 26 | 1 | 2648 | 2720 | 2888 | 1071 | 1 | 0 | |
| 947 | 3 | 15 | 26 | 1 | 3304 | 3376 | 3544 | 1129 | 1 | 0 | |
| 948 | 3 | 15 | 26 | 1 | 3808 | 3880 | 4048 | 1158 | 1 | 0 | |
| 949 | 3 | 15 | 26 | 1 | 3272 | 3344 | 3512 | 1080 | 1 | 0 | |
| 950 | 3 | 15 | 32 | 1 | 2216 | 2288 | 2456 | 1786 | 0 | 24 | |
| 951 | 3 | 15 | 32 | 1 | 2224 | 2296 | 2464 | 1786 | 0 | 24 | |
| 952 | 3 | 15 | 32 | 1 | 3808 | 3880 | 4048 | 1814 | 0 | 24 | |
| 953 | 3 | 15 | 32 | 1 | 3800 | 3872 | 4040 | 1814 | 0 | 24 | |
| 954 | 3 | 15 | 34 | 1 | 368 | 440 | 608 | 1461 | 1 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 955 | 3 | 15 | 34 | 1 | 1072 | 1144 | 1312 | 1367 | 1 | | 0 |
| 956 | 3 | 15 | 34 | 2 | 1064 | 1136 | 1304 | 704 | 1 | | 0 |
| 957 | 3 | 15 | 34 | 1 | 1112 | 1184 | 1352 | 1344 | 1 | | 0 |
| 958 | 3 | 15 | 34 | 1 | 1120 | 1192 | 1360 | 1360 | 1 | | 0 |
| 959 | 3 | 15 | 43 | 1 | 0 | 56 | 224 | 923 | 1 | | 0 |
| 960 | 3 | 15 | 43 | 1 | 3232 | 3304 | 3472 | 963 | 1 | | 0 |
| 961 | 3 | 23 | 17 | 1 | 16 | 88 | 256 | 1011 | 1 | | 0 |
| 962 | 3 | 23 | 17 | 2 | 8 | 80 | 248 | 505 | 1 | | 0 |
| 963 | 3 | 23 | 17 | 1 | 592 | 664 | 832 | 853 | 1 | | 0 |
| 964 | 3 | 23 | 17 | 1 | 632 | 704 | 872 | 859 | 1 | | 0 |
| 965 | 3 | 23 | 17 | 1 | 640 | 712 | 880 | 859 | 1 | | 0 |
| 966 | 3 | 23 | 17 | 1 | 1088 | 1160 | 1328 | 859 | 1 | | 0 |
| 967 | 3 | 23 | 17 | 1 | 2752 | 2824 | 2992 | 871 | 1 | | 0 |
| 968 | 3 | 23 | 17 | 1 | 2744 | 2816 | 2984 | 871 | 1 | | 0 |
| 969 | 3 | 23 | 17 | 1 | 2752 | 2824 | 2992 | 871 | 1 | | 0 |
| 970 | 3 | 23 | 17 | 1 | 2744 | 2816 | 2984 | 871 | 1 | | 0 |
| 971 | 3 | 23 | 17 | 1 | 2992 | 3064 | 3232 | 889 | 1 | | 0 |
| 972 | 3 | 23 | 17 | 4 | 4208 | 4280 | 4448 | 244 | 1 | | 0 |
| 973 | 3 | 23 | 17 | 1 | 4264 | 4336 | 4504 | 978 | 1 | | 0 |
| 974 | 3 | 24 | 11 | 2 | 2432 | 2504 | 2840 | 0 | 0 | | 24 |
| 975 | 3 | 24 | 11 | 2 | 2576 | 2648 | 2984 | 0 | 0 | | 24 |
| 976 | 3 | 24 | 11 | 1 | 3616 | 3688 | 4024 | 0 | 0 | | 24 |
| 977 | 3 | 24 | 11 | 1 | 3848 | 3920 | 4088 | 498 | 0 | | 24 |
| 978 | 3 | 24 | 11 | 1 | 3680 | 3752 | 4088 | 0 | 0 | | 24 |
| 979 | 3 | 24 | 11 | 1 | 3784 | 3856 | 4024 | 498 | 0 | | 24 |
| 980 | 3 | 24 | 15 | 1 | 416 | 488 | 656 | 439 | 1 | | 0 |
| 981 | 3 | 24 | 28 | 2 | 2416 | 2488 | 2656 | 315 | 0 | | 0 |
| 982 | 3 | 24 | 28 | 1 | 2488 | 2560 | 2728 | 631 | 0 | | 0 |
| 983 | 3 | 24 | 9 | 1 | 616 | 688 | 1024 | 0 | 0 | | 0 |
| 984 | 3 | 24 | 9 | 1 | 632 | 704 | 1040 | 0 | 0 | | 0 |
| 985 | 3 | 25 | 23 | 3 | 4120 | 4192 | 4528 | 0 | 0 | | 0 |
| 986 | 3 | 36 | 36 | 1 | 1136 | 1208 | 1376 | 458 | 1 | | 0 |
| 987 | 3 | 30 | 22 | 1 | 568 | 640 | 808 | 1703 | 1 | | 0 |
| 988 | 3 | 30 | 32 | 6 | 1280 | 1352 | 1520 | 69 | 0 | | 0 |
| 989 | 3 | 30 | 32 | 3 | 1312 | 1384 | 1552 | 139 | 0 | | 0 |
| 990 | 3 | 30 | 32 | 7 | 1808 | 1880 | 2048 | 62 | 0 | | 0 |
| 991 | 3 | 30 | 32 | 2 | 1912 | 1984 | 2152 | 219 | 0 | | 0 |
| 992 | 3 | 30 | 32 | 7 | 2072 | 2144 | 2312 | 63 | 0 | | 0 |
| 993 | 3 | 30 | 32 | 9 | 3784 | 3856 | 4024 | 48 | 0 | | 0 |
| 994 | 3 | 30 | 32 | 9 | 4064 | 4136 | 4304 | 50 | 0 | | 0 |
| 995 | 3 | 29 | 11 | 1 | 3040 | 3112 | 3448 | 0 | 0 | | 24 |
| 996 | 3 | 29 | 11 | 1 | 3056 | 3128 | 3464 | 0 | 0 | | 24 |
| 997 | 3 | 29 | 24 | 1 | 1232 | 1304 | 1640 | 0 | 0 | | 0 |
| 998 | 3 | 29 | 29 | 1 | 2824 | 2896 | 3064 | 1 | 1 | | 0 |
| 999 | 3 | 29 | 31 | 1 | 280 | 352 | 688 | 0 | 0 | | 0 |
| 1000 | 3 | 29 | 34 | 1 | 2984 | 3056 | 3224 | 1 | 1 | | 0 |
| 1001 | 3 | 29 | 40 | 1 | 1592 | 1664 | 2000 | 0 | 0 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1002 | 3 | 29 | 44 | 1 | 1240 | 1312 | 1648 | 0 | 0 | 0 | |
| 1003 | 3 | 28 | 24 | 1 | 2080 | 2152 | 2320 | 624 | 1 | 0 | |
| 1004 | 3 | 28 | 24 | 1 | 2264 | 2336 | 2504 | 631 | 1 | 0 | |
| 1005 | 3 | 28 | 24 | 1 | 2384 | 2456 | 2624 | 631 | 1 | 0 | |
| 1006 | 3 | 28 | 24 | 1 | 2392 | 2464 | 2632 | 631 | 1 | 0 | |
| 1007 | 3 | 28 | 24 | 1 | 3376 | 3448 | 3616 | 641 | 1 | 0 | |
| 1008 | 3 | 28 | 30 | 1 | 448 | 520 | 688 | 460 | 1 | 0 | |
| 1009 | 3 | 28 | 30 | 1 | 1880 | 1952 | 2120 | 460 | 1 | 0 | |
| 1010 | 3 | 28 | 30 | 1 | 2272 | 2344 | 2512 | 465 | 1 | 0 | |
| 1011 | 3 | 28 | 34 | 1 | 184 | 256 | 424 | 501 | 1 | 0 | |
| 1012 | 3 | 28 | 34 | 1 | 176 | 248 | 416 | 501 | 1 | 0 | |
| 1013 | 3 | 28 | 34 | 1 | 376 | 448 | 616 | 501 | 1 | 0 | |
| 1014 | 3 | 28 | 34 | 1 | 416 | 488 | 656 | 501 | 1 | 0 | |
| 1015 | 3 | 28 | 34 | 1 | 848 | 920 | 1088 | 531 | 1 | 0 | |
| 1016 | 3 | 28 | 34 | 1 | 1192 | 1264 | 1432 | 531 | 1 | 0 | |
| 1017 | 3 | 28 | 34 | 1 | 1256 | 1328 | 1496 | 531 | 1 | 0 | |
| 1018 | 3 | 28 | 34 | 1 | 1768 | 1840 | 2008 | 531 | 1 | 0 | |
| 1019 | 3 | 28 | 34 | 1 | 3248 | 3320 | 3488 | 545 | 1 | 0 | |
| 1020 | 3 | 27 | 11 | 3 | 3128 | 3200 | 3536 | 0 | 0 | 24 | |
| 1021 | 3 | 30 | 23 | 3 | 1552 | 1624 | 1960 | 0 | 0 | 0 | |
| 1022 | 3 | 30 | 23 | 3 | 1712 | 1784 | 2120 | 0 | 0 | 0 | |
| 1023 | 3 | 30 | 23 | 1 | 1936 | 2008 | 2344 | 0 | 0 | 0 | |
| 1024 | 3 | 31 | 26 | 3 | 1592 | 1664 | 2000 | 0 | 0 | 0 | |
| 1025 | 3 | 28 | 24 | 13 | 928 | 1000 | 1336 | 0 | 0 | 0 | |
| 1026 | 3 | 32 | 30 | 1 | 2936 | 3008 | 3176 | 606 | 1 | 0 | |
| 1027 | 3 | 32 | 30 | 1 | 3008 | 3080 | 3248 | 606 | 1 | 0 | |
| 1028 | 3 | 32 | 30 | 1 | 3112 | 3184 | 3352 | 606 | 1 | 0 | |
| 1029 | 3 | 32 | 33 | 1 | 3016 | 3088 | 3256 | 718 | 0 | 24 | |
| 1030 | 3 | 32 | 33 | 1 | 3248 | 3320 | 3488 | 718 | 0 | 24 | |
| 1031 | 3 | 32 | 34 | 2 | 680 | 752 | 920 | 302 | 1 | 0 | |
| 1032 | 3 | 32 | 34 | 1 | 952 | 1024 | 1192 | 608 | 1 | 0 | |
| 1033 | 3 | 32 | 34 | 1 | 4144 | 4216 | 4384 | 549 | 1 | 0 | |
| 1034 | 3 | 32 | 11 | 2 | 2072 | 2144 | 2480 | 0 | 0 | 0 | |
| 1035 | 3 | 32 | 11 | 1 | 2920 | 2992 | 3160 | 1365 | 1 | 0 | |
| 1036 | 3 | 32 | 24 | 1 | 2960 | 3032 | 3200 | 792 | 1 | 0 | |
| 1037 | 3 | 32 | 29 | 1 | 304 | 376 | 544 | 576 | 1 | 0 | |
| 1038 | 3 | 32 | 29 | 1 | 296 | 368 | 536 | 576 | 1 | 0 | |
| 1039 | 3 | 32 | 29 | 1 | 400 | 472 | 640 | 576 | 1 | 0 | |
| 1040 | 3 | 32 | 29 | 1 | 392 | 464 | 632 | 579 | 1 | 0 | |
| 1041 | 3 | 32 | 29 | 1 | 448 | 520 | 688 | 576 | 1 | 0 | |
| 1042 | 3 | 32 | 29 | 1 | 536 | 608 | 776 | 576 | 1 | 0 | |
| 1043 | 3 | 32 | 29 | 1 | 896 | 968 | 1136 | 579 | 1 | 0 | |
| 1044 | 3 | 32 | 29 | 1 | 976 | 1048 | 1216 | 579 | 1 | 0 | |
| 1045 | 3 | 32 | 29 | 2 | 1064 | 1136 | 1304 | 290 | 1 | 0 | |
| 1046 | 3 | 32 | 29 | 1 | 1144 | 1216 | 1384 | 579 | 1 | 0 | |
| 1047 | 3 | 32 | 29 | 1 | 1184 | 1256 | 1424 | 579 | 1 | 0 | |
| 1048 | 3 | 32 | 29 | 1 | 3784 | 3856 | 4024 | 594 | 1 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|---------------|
| 1049 | 3 | 32 | 29 | 1 | 3872 | 3944 | 4112 | 594 | 1 | 0 |
| 1050 | 3 | 32 | 29 | 1 | 3928 | 4000 | 4168 | 594 | 1 | 0 |
| 1051 | 3 | 32 | 29 | 1 | 3968 | 4040 | 4208 | 594 | 1 | 0 |
| 1052 | 3 | 32 | 29 | 1 | 4048 | 4120 | 4288 | 594 | 1 | 0 |
| 1053 | 3 | 32 | 29 | 1 | 4136 | 4208 | 4376 | 594 | 1 | 0 |
| 1054 | 3 | 32 | 33 | 1 | 856 | 928 | 1096 | 625 | 1 | 0 |
| 1055 | 3 | 32 | 33 | 1 | 1544 | 1616 | 1784 | 772 | 0 | 24 |
| 1056 | 3 | 32 | 33 | 1 | 1624 | 1696 | 1864 | 772 | 0 | 24 |
| 1057 | 3 | 32 | 33 | 1 | 1712 | 1784 | 1952 | 772 | 0 | 24 |
| 1058 | 3 | 32 | 33 | 1 | 1720 | 1792 | 1960 | 772 | 0 | 24 |
| 1059 | 3 | 32 | 33 | 1 | 1856 | 1928 | 2096 | 772 | 0 | 24 |
| 1060 | 3 | 32 | 33 | 1 | 1888 | 1960 | 2128 | 772 | 0 | 24 |
| 1061 | 3 | 32 | 33 | 1 | 1952 | 2024 | 2192 | 772 | 0 | 24 |
| 1062 | 3 | 32 | 33 | 1 | 2056 | 2128 | 2296 | 772 | 0 | 24 |
| 1063 | 3 | 32 | 33 | 1 | 2120 | 2192 | 2360 | 780 | 0 | 24 |
| 1064 | 3 | 32 | 33 | 1 | 3040 | 3112 | 3280 | 792 | 0 | 24 |
| 1065 | 3 | 32 | 33 | 1 | 3080 | 3152 | 3320 | 792 | 0 | 24 |
| 1066 | 3 | 32 | 33 | 1 | 3136 | 3208 | 3376 | 792 | 0 | 24 |
| 1067 | 3 | 32 | 33 | 1 | 3200 | 3272 | 3440 | 792 | 0 | 24 |
| 1068 | 3 | 32 | 33 | 1 | 3256 | 3328 | 3496 | 792 | 0 | 24 |
| 1069 | 3 | 32 | 33 | 1 | 3320 | 3392 | 3560 | 792 | 0 | 24 |
| 1070 | 3 | 32 | 33 | 1 | 3376 | 3448 | 3616 | 792 | 0 | 24 |
| 1071 | 3 | 32 | 33 | 1 | 3416 | 3488 | 3656 | 792 | 0 | 24 |
| 1072 | 3 | 32 | 33 | 1 | 3472 | 3544 | 3712 | 792 | 0 | 24 |
| 1073 | 3 | 32 | 33 | 1 | 3536 | 3608 | 3776 | 792 | 0 | 24 |
| 1074 | 3 | 32 | 6 | 1 | 64 | 136 | 304 | 1324 | 1 | 24 |
| 1075 | 3 | 32 | 6 | 1 | 56 | 128 | 296 | 1324 | 1 | 24 |
| 1076 | 3 | 32 | 6 | 1 | 712 | 784 | 952 | 1331 | 1 | 24 |
| 1077 | 3 | 32 | 6 | 1 | 752 | 824 | 992 | 1324 | 1 | 24 |
| 1078 | 3 | 32 | 6 | 1 | 1528 | 1600 | 1768 | 1331 | 1 | 24 |
| 1079 | 3 | 32 | 6 | 1 | 2200 | 2272 | 2440 | 1345 | 1 | 24 |
| 1080 | 3 | 32 | 6 | 1 | 2240 | 2312 | 2480 | 1345 | 1 | 24 |
| 1081 | 3 | 32 | 6 | 1 | 2296 | 2368 | 2536 | 1345 | 1 | 24 |
| 1082 | 3 | 32 | 6 | 1 | 2360 | 2432 | 2600 | 1345 | 1 | 24 |
| 1083 | 3 | 32 | 6 | 1 | 2440 | 2512 | 2680 | 1345 | 1 | 24 |
| 1084 | 3 | 32 | 6 | 1 | 2480 | 2552 | 2720 | 1345 | 1 | 24 |
| 1085 | 3 | 32 | 6 | 1 | 3592 | 3664 | 3832 | 1365 | 1 | 24 |
| 1086 | 3 | 32 | 6 | 1 | 3728 | 3800 | 3968 | 1365 | 1 | 24 |
| 1087 | 3 | 25 | 44 | 2 | 1216 | 1288 | 1624 | 0 | 0 | 0 |
| 1088 | 3 | 16 | 24 | 1 | 616 | 688 | 856 | 1249 | 1 | 0 |
| 1089 | 3 | 16 | 41 | 1 | 248 | 320 | 488 | 695 | 0 | 0 |
| 1090 | 3 | 16 | 41 | 4 | 400 | 472 | 640 | 175 | 0 | 0 |
| 1091 | 3 | 16 | 41 | 1 | 560 | 632 | 800 | 695 | 0 | 0 |
| 1092 | 3 | 16 | 41 | 1 | 608 | 680 | 848 | 695 | 0 | 0 |
| 1093 | 3 | 16 | 41 | 1 | 712 | 784 | 952 | 698 | 0 | 0 |
| 1094 | 3 | 16 | 41 | 1 | 704 | 776 | 944 | 698 | 0 | 0 |
| 1095 | 3 | 16 | 41 | 1 | 760 | 832 | 1000 | 698 | 0 | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1096 | 3 | 16 | 41 | 1 | 848 | 920 | 1088 | 698 | 0 | 0 | |
| 1097 | 3 | 16 | 41 | 1 | 880 | 952 | 1120 | 748 | 0 | 0 | |
| 1098 | 3 | 16 | 41 | 1 | 896 | 968 | 1136 | 698 | 0 | 0 | |
| 1099 | 3 | 16 | 41 | 1 | 928 | 1000 | 1168 | 698 | 0 | 0 | |
| 1100 | 3 | 16 | 41 | 1 | 944 | 1016 | 1184 | 748 | 0 | 0 | |
| 1101 | 3 | 16 | 41 | 1 | 976 | 1048 | 1216 | 698 | 0 | 0 | |
| 1102 | 3 | 16 | 41 | 1 | 1064 | 1136 | 1304 | 709 | 0 | 0 | |
| 1103 | 3 | 16 | 41 | 1 | 1192 | 1264 | 1432 | 698 | 0 | 0 | |
| 1104 | 3 | 16 | 41 | 1 | 1184 | 1256 | 1424 | 698 | 0 | 0 | |
| 1105 | 3 | 16 | 41 | 1 | 1384 | 1456 | 1624 | 724 | 0 | 0 | |
| 1106 | 3 | 16 | 41 | 1 | 1400 | 1472 | 1640 | 698 | 0 | 0 | |
| 1107 | 3 | 16 | 41 | 1 | 1456 | 1528 | 1696 | 698 | 0 | 0 | |
| 1108 | 3 | 16 | 41 | 1 | 1448 | 1520 | 1688 | 698 | 0 | 0 | |
| 1109 | 3 | 16 | 41 | 1 | 1528 | 1600 | 1768 | 698 | 0 | 0 | |
| 1110 | 3 | 16 | 41 | 1 | 1544 | 1616 | 1784 | 698 | 0 | 0 | |
| 1111 | 3 | 16 | 41 | 1 | 1600 | 1672 | 1840 | 698 | 0 | 0 | |
| 1112 | 3 | 16 | 41 | 1 | 1736 | 1808 | 1976 | 710 | 0 | 0 | |
| 1113 | 3 | 16 | 41 | 1 | 1744 | 1816 | 1984 | 748 | 0 | 0 | |
| 1114 | 3 | 16 | 41 | 1 | 1760 | 1832 | 2000 | 698 | 0 | 0 | |
| 1115 | 3 | 16 | 41 | 1 | 1768 | 1840 | 2008 | 701 | 0 | 0 | |
| 1116 | 3 | 16 | 41 | 1 | 1856 | 1928 | 2096 | 698 | 0 | 0 | |
| 1117 | 3 | 16 | 41 | 1 | 1888 | 1960 | 2128 | 698 | 0 | 0 | |
| 1118 | 3 | 16 | 41 | 1 | 1976 | 2048 | 2216 | 698 | 0 | 0 | |
| 1119 | 3 | 16 | 41 | 2 | 2128 | 2200 | 2368 | 364 | 0 | 0 | |
| 1120 | 3 | 16 | 41 | 1 | 2120 | 2192 | 2360 | 705 | 0 | 0 | |
| 1121 | 3 | 16 | 41 | 1 | 2152 | 2224 | 2392 | 705 | 0 | 0 | |
| 1122 | 3 | 16 | 41 | 2 | 2288 | 2360 | 2528 | 353 | 0 | 0 | |
| 1123 | 3 | 16 | 41 | 1 | 2416 | 2488 | 2656 | 705 | 0 | 0 | |
| 1124 | 3 | 16 | 41 | 1 | 2432 | 2504 | 2672 | 705 | 0 | 0 | |
| 1125 | 3 | 16 | 41 | 1 | 2464 | 2536 | 2704 | 705 | 0 | 0 | |
| 1126 | 3 | 16 | 41 | 1 | 2528 | 2600 | 2768 | 705 | 0 | 0 | |
| 1127 | 3 | 16 | 41 | 1 | 2608 | 2680 | 2848 | 705 | 0 | 0 | |
| 1128 | 3 | 16 | 41 | 1 | 2624 | 2696 | 2864 | 705 | 0 | 0 | |
| 1129 | 3 | 16 | 41 | 1 | 2632 | 2704 | 2872 | 736 | 0 | 0 | |
| 1130 | 3 | 27 | 29 | 1 | 1760 | 1832 | 2168 | 0 | 0 | 0 | |
| 1131 | 3 | 27 | 34 | 3 | 2224 | 2296 | 2464 | 145 | 1 | 0 | |
| 1132 | 3 | 27 | 34 | 1 | 2456 | 2528 | 2696 | 434 | 1 | 0 | |
| 1133 | 3 | 33 | 1 | 2 | 1216 | 1288 | 1456 | 895 | 1 | 0 | |
| 1134 | 3 | 33 | 33 | 1 | 3944 | 4016 | 4184 | 889 | 0 | 24 | |
| 1135 | 3 | 33 | 1 | 3 | 424 | 496 | 664 | 595 | 1 | 0 | |
| 1136 | 3 | 33 | 1 | 9 | 680 | 752 | 920 | 234 | 1 | 0 | |
| 1137 | 3 | 33 | 1 | 2 | 704 | 776 | 944 | 970 | 1 | 0 | |
| 1138 | 3 | 33 | 1 | 1 | 1048 | 1120 | 1288 | 1848 | 1 | 0 | |
| 1139 | 3 | 33 | 1 | 1 | 1040 | 1112 | 1280 | 1746 | 1 | 0 | |
| 1140 | 3 | 33 | 1 | 2 | 1120 | 1192 | 1360 | 874 | 1 | 0 | |
| 1141 | 3 | 33 | 1 | 2 | 1216 | 1288 | 1456 | 924 | 1 | 0 | |
| 1142 | 3 | 33 | 1 | 1 | 1352 | 1424 | 1592 | 1739 | 1 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1143 | 3 | 33 | 1 | 2 | 1376 | 1448 | 1616 | 898 | 1 | 0 | |
| 1144 | 3 | 33 | 1 | 1 | 1744 | 1816 | 1984 | 1818 | 1 | 0 | |
| 1145 | 3 | 33 | 1 | 1 | 2792 | 2864 | 3032 | 1742 | 1 | 0 | |
| 1146 | 3 | 33 | 1 | 2 | 3104 | 3176 | 3344 | 858 | 1 | 0 | |
| 1147 | 3 | 33 | 1 | 1 | 3544 | 3616 | 3784 | 1807 | 1 | 0 | |
| 1148 | 3 | 33 | 1 | 1 | 3920 | 3992 | 4160 | 1701 | 1 | 0 | |
| 1149 | 3 | 33 | 1 | 2 | 3928 | 4000 | 4168 | 850 | 1 | 0 | |
| 1150 | 3 | 33 | 11 | 1 | 1096 | 1168 | 1336 | 1036 | 1 | 0 | |
| 1151 | 3 | 33 | 11 | 1 | 1088 | 1160 | 1328 | 1036 | 1 | 0 | |
| 1152 | 3 | 33 | 11 | 1 | 1208 | 1280 | 1448 | 1036 | 1 | 0 | |
| 1153 | 3 | 33 | 11 | 1 | 1424 | 1496 | 1664 | 1036 | 1 | 0 | |
| 1154 | 3 | 33 | 11 | 1 | 1616 | 1688 | 1856 | 1143 | 1 | 0 | |
| 1155 | 3 | 33 | 15 | 1 | 16 | 88 | 256 | 1366 | 1 | 0 | |
| 1156 | 3 | 33 | 15 | 1 | 176 | 248 | 416 | 1492 | 1 | 0 | |
| 1157 | 3 | 33 | 15 | 1 | 200 | 272 | 440 | 1641 | 1 | 0 | |
| 1158 | 3 | 33 | 15 | 2 | 232 | 304 | 472 | 812 | 1 | 0 | |
| 1159 | 3 | 33 | 15 | 1 | 256 | 328 | 496 | 1409 | 1 | 0 | |
| 1160 | 3 | 33 | 15 | 2 | 424 | 496 | 664 | 771 | 1 | 0 | |
| 1161 | 3 | 33 | 15 | 6 | 440 | 512 | 680 | 268 | 1 | 0 | |
| 1162 | 3 | 33 | 15 | 1 | 560 | 632 | 800 | 1473 | 1 | 0 | |
| 1163 | 3 | 33 | 15 | 6 | 688 | 760 | 928 | 273 | 1 | 0 | |
| 1164 | 3 | 33 | 15 | 2 | 712 | 784 | 952 | 819 | 1 | 0 | |
| 1165 | 3 | 33 | 15 | 1 | 752 | 824 | 992 | 1631 | 1 | 0 | |
| 1166 | 3 | 33 | 15 | 2 | 880 | 952 | 1120 | 823 | 1 | 0 | |
| 1167 | 3 | 33 | 15 | 2 | 944 | 1016 | 1184 | 755 | 1 | 0 | |
| 1168 | 3 | 33 | 15 | 2 | 1048 | 1120 | 1288 | 764 | 1 | 0 | |
| 1169 | 3 | 33 | 15 | 1 | 1160 | 1232 | 1400 | 1522 | 1 | 0 | |
| 1170 | 3 | 33 | 15 | 1 | 1168 | 1240 | 1408 | 1579 | 1 | 0 | |
| 1171 | 3 | 33 | 15 | 1 | 1160 | 1232 | 1400 | 1498 | 1 | 0 | |
| 1172 | 3 | 33 | 15 | 3 | 1208 | 1280 | 1448 | 503 | 1 | 0 | |
| 1173 | 3 | 33 | 15 | 1 | 1264 | 1336 | 1504 | 1349 | 1 | 0 | |
| 1174 | 3 | 33 | 15 | 2 | 1312 | 1384 | 1552 | 719 | 1 | 0 | |
| 1175 | 3 | 33 | 15 | 2 | 2104 | 2176 | 2344 | 749 | 1 | 0 | |
| 1176 | 3 | 33 | 15 | 5 | 2200 | 2272 | 2440 | 323 | 1 | 0 | |
| 1177 | 3 | 33 | 15 | 2 | 2224 | 2296 | 2464 | 829 | 1 | 0 | |
| 1178 | 3 | 33 | 15 | 6 | 2272 | 2344 | 2512 | 277 | 1 | 0 | |
| 1179 | 3 | 33 | 15 | 1 | 2272 | 2344 | 2512 | 1376 | 1 | 0 | |
| 1180 | 3 | 33 | 15 | 2 | 2360 | 2432 | 2600 | 823 | 1 | 0 | |
| 1181 | 3 | 33 | 15 | 9 | 2440 | 2512 | 2680 | 181 | 1 | 0 | |
| 1182 | 3 | 33 | 15 | 12 | 2528 | 2600 | 2768 | 136 | 1 | 0 | |
| 1183 | 3 | 33 | 15 | 3 | 2552 | 2624 | 2792 | 543 | 1 | 0 | |
| 1184 | 3 | 33 | 15 | 1 | 2552 | 2624 | 2792 | 1577 | 1 | 0 | |
| 1185 | 3 | 33 | 15 | 1 | 2632 | 2704 | 2872 | 1376 | 1 | 0 | |
| 1186 | 3 | 33 | 15 | 2 | 2768 | 2840 | 3008 | 826 | 1 | 0 | |
| 1187 | 3 | 33 | 15 | 1 | 2800 | 2872 | 3040 | 1537 | 1 | 0 | |
| 1188 | 3 | 33 | 15 | 2 | 2936 | 3008 | 3176 | 739 | 1 | 0 | |
| 1189 | 3 | 33 | 15 | 1 | 3112 | 3184 | 3352 | 1670 | 1 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1190 | 3 | 33 | 15 | 5 | 3208 | 3280 | 3448 | 297 | 1 | | 0 |
| 1191 | 3 | 33 | 15 | 1 | 3224 | 3296 | 3464 | 1433 | 1 | | 0 |
| 1192 | 3 | 33 | 15 | 1 | 3248 | 3320 | 3488 | 1459 | 1 | | 0 |
| 1193 | 3 | 33 | 15 | 2 | 3536 | 3608 | 3776 | 678 | 1 | | 0 |
| 1194 | 3 | 33 | 15 | 3 | 3904 | 3976 | 4144 | 466 | 1 | | 0 |
| 1195 | 3 | 33 | 15 | 1 | 3904 | 3976 | 4144 | 1445 | 1 | | 0 |
| 1196 | 3 | 33 | 29 | 2 | 184 | 256 | 424 | 352 | 1 | | 0 |
| 1197 | 3 | 33 | 29 | 2 | 224 | 296 | 464 | 273 | 1 | | 0 |
| 1198 | 3 | 33 | 29 | 2 | 400 | 472 | 640 | 292 | 1 | | 0 |
| 1199 | 3 | 33 | 29 | 7 | 416 | 488 | 656 | 80 | 1 | | 0 |
| 1200 | 3 | 33 | 29 | 1 | 448 | 520 | 688 | 562 | 1 | | 0 |
| 1201 | 3 | 33 | 29 | 2 | 536 | 608 | 776 | 281 | 1 | | 0 |
| 1202 | 3 | 33 | 29 | 2 | 568 | 640 | 808 | 356 | 1 | | 0 |
| 1203 | 3 | 33 | 29 | 2 | 704 | 776 | 944 | 317 | 1 | | 0 |
| 1204 | 3 | 33 | 29 | 2 | 760 | 832 | 1000 | 380 | 1 | | 0 |
| 1205 | 3 | 33 | 29 | 1 | 752 | 824 | 992 | 697 | 1 | | 0 |
| 1206 | 3 | 33 | 29 | 2 | 872 | 944 | 1112 | 368 | 1 | | 0 |
| 1207 | 3 | 33 | 29 | 1 | 1040 | 1112 | 1280 | 724 | 1 | | 0 |
| 1208 | 3 | 33 | 29 | 1 | 1192 | 1264 | 1432 | 550 | 1 | | 0 |
| 1209 | 3 | 33 | 29 | 2 | 1304 | 1376 | 1544 | 282 | 1 | | 0 |
| 1210 | 3 | 33 | 29 | 1 | 1360 | 1432 | 1600 | 701 | 1 | | 0 |
| 1211 | 3 | 33 | 29 | 1 | 1624 | 1696 | 1864 | 774 | 1 | | 0 |
| 1212 | 3 | 33 | 29 | 1 | 2096 | 2168 | 2336 | 708 | 1 | | 0 |
| 1213 | 3 | 33 | 29 | 1 | 2120 | 2192 | 2360 | 567 | 1 | | 0 |
| 1214 | 3 | 33 | 29 | 3 | 2192 | 2264 | 2432 | 188 | 1 | | 0 |
| 1215 | 3 | 33 | 29 | 1 | 2216 | 2288 | 2456 | 570 | 1 | | 0 |
| 1216 | 3 | 33 | 29 | 2 | 2264 | 2336 | 2504 | 333 | 1 | | 0 |
| 1217 | 3 | 33 | 29 | 1 | 2288 | 2360 | 2528 | 561 | 1 | | 0 |
| 1218 | 3 | 33 | 29 | 1 | 2368 | 2440 | 2608 | 715 | 1 | | 0 |
| 1219 | 3 | 33 | 29 | 1 | 2536 | 2608 | 2776 | 715 | 1 | | 0 |
| 1220 | 3 | 33 | 29 | 1 | 2560 | 2632 | 2800 | 697 | 1 | | 0 |
| 1221 | 3 | 33 | 29 | 2 | 2776 | 2848 | 3016 | 317 | 1 | | 0 |
| 1222 | 3 | 33 | 29 | 1 | 2944 | 3016 | 3184 | 719 | 1 | | 0 |
| 1223 | 3 | 33 | 29 | 1 | 3104 | 3176 | 3344 | 691 | 1 | | 0 |
| 1224 | 3 | 33 | 29 | 1 | 3128 | 3200 | 3368 | 721 | 1 | | 0 |
| 1225 | 3 | 33 | 29 | 3 | 3232 | 3304 | 3472 | 244 | 1 | | 0 |
| 1226 | 3 | 33 | 29 | 2 | 3256 | 3328 | 3496 | 359 | 1 | | 0 |
| 1227 | 3 | 33 | 29 | 3 | 3544 | 3616 | 3784 | 222 | 1 | | 0 |
| 1228 | 3 | 33 | 29 | 1 | 3592 | 3664 | 3832 | 753 | 1 | | 0 |
| 1229 | 3 | 33 | 29 | 1 | 3896 | 3968 | 4136 | 719 | 1 | | 0 |
| 1230 | 3 | 33 | 29 | 2 | 4240 | 4312 | 4480 | 353 | 1 | | 0 |
| 1231 | 3 | 33 | 27 | 1 | 736 | 808 | 976 | 531 | 1 | | 0 |
| 1232 | 3 | 33 | 27 | 1 | 880 | 952 | 1120 | 531 | 1 | | 0 |
| 1233 | 3 | 33 | 27 | 1 | 1240 | 1312 | 1480 | 531 | 1 | | 0 |
| 1234 | 3 | 33 | 27 | 1 | 1232 | 1304 | 1472 | 531 | 1 | | 0 |
| 1235 | 3 | 33 | 27 | 1 | 1304 | 1376 | 1544 | 531 | 1 | | 0 |
| 1236 | 3 | 33 | 33 | 1 | 32 | 104 | 272 | 565 | 1 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1237 | 3 | 33 | 33 | 7 | 112 | 184 | 352 | 68 | 1 | | 0 |
| 1238 | 3 | 33 | 33 | 1 | 248 | 320 | 488 | 451 | 1 | | 0 |
| 1239 | 3 | 33 | 33 | 1 | 424 | 496 | 664 | 451 | 1 | | 0 |
| 1240 | 3 | 33 | 33 | 2 | 560 | 632 | 800 | 276 | 1 | | 0 |
| 1241 | 3 | 33 | 33 | 2 | 1432 | 1504 | 1672 | 265 | 1 | | 0 |
| 1242 | 3 | 33 | 33 | 3 | 1448 | 1520 | 1688 | 170 | 1 | | 0 |
| 1243 | 3 | 33 | 33 | 3 | 1528 | 1600 | 1768 | 185 | 1 | | 0 |
| 1244 | 3 | 33 | 33 | 2 | 1880 | 1952 | 2120 | 272 | 1 | | 0 |
| 1245 | 3 | 33 | 33 | 1 | 2296 | 2368 | 2536 | 499 | 1 | | 0 |
| 1246 | 3 | 33 | 33 | 1 | 2792 | 2864 | 3032 | 511 | 1 | | 0 |
| 1247 | 3 | 33 | 33 | 1 | 2872 | 2944 | 3112 | 546 | 1 | | 0 |
| 1248 | 3 | 33 | 33 | 1 | 3968 | 4040 | 4208 | 521 | 1 | | 0 |
| 1249 | 3 | 33 | 34 | 2 | 592 | 664 | 832 | 154 | 1 | | 0 |
| 1250 | 3 | 33 | 34 | 1 | 1736 | 1808 | 1976 | 348 | 1 | | 0 |
| 1251 | 3 | 33 | 34 | 2 | 2104 | 2176 | 2344 | 176 | 1 | | 0 |
| 1252 | 3 | 33 | 34 | 1 | 2360 | 2432 | 2600 | 362 | 1 | | 0 |
| 1253 | 3 | 33 | 34 | 1 | 3248 | 3320 | 3488 | 378 | 1 | | 0 |
| 1254 | 3 | 33 | 34 | 1 | 3536 | 3608 | 3776 | 374 | 1 | | 0 |
| 1255 | 3 | 33 | 34 | 2 | 3704 | 3776 | 3944 | 146 | 1 | | 0 |
| 1256 | 3 | 33 | 34 | 1 | 4232 | 4304 | 4472 | 301 | 1 | | 0 |
| 1257 | 3 | 33 | 19 | 1 | 392 | 464 | 632 | 1654 | 1 | | 24 |
| 1258 | 3 | 33 | 19 | 1 | 416 | 488 | 656 | 1650 | 1 | | 24 |
| 1259 | 3 | 33 | 19 | 1 | 544 | 616 | 784 | 1685 | 1 | | 24 |
| 1260 | 3 | 33 | 19 | 1 | 1312 | 1384 | 1552 | 1487 | 1 | | 24 |
| 1261 | 3 | 33 | 19 | 1 | 1384 | 1456 | 1624 | 1496 | 1 | | 24 |
| 1262 | 3 | 33 | 19 | 1 | 3112 | 3184 | 3352 | 1527 | 1 | | 24 |
| 1263 | 3 | 39 | 11 | 2 | 2152 | 2224 | 2560 | 0 | 0 | | 0 |
| 1264 | 3 | 40 | 42 | 1 | 1568 | 1640 | 1976 | 0 | 0 | | 24 |
| 1265 | 3 | 41 | 42 | 2 | 1048 | 1120 | 1456 | 0 | 0 | | 0 |
| 1266 | 3 | 43 | 11 | 2 | 1016 | 1088 | 1256 | 265 | 1 | | 0 |
| 1267 | 3 | 43 | 11 | 2 | 1120 | 1192 | 1360 | 265 | 1 | | 0 |
| 1268 | 3 | 30 | 30 | 1 | 1520 | 1592 | 1760 | 438 | 1 | | 0 |
| 1269 | 3 | 30 | 15 | 1 | 1096 | 1168 | 1336 | 1284 | 1 | | 0 |
| 1270 | 3 | 30 | 15 | 1 | 3232 | 3304 | 3472 | 1786 | 1 | | 0 |
| 1271 | 3 | 30 | 15 | 1 | 3272 | 3344 | 3512 | 1714 | 1 | | 0 |
| 1272 | 3 | 30 | 15 | 1 | 3280 | 3352 | 3520 | 1849 | 1 | | 0 |
| 1273 | 3 | 30 | 15 | 1 | 3272 | 3344 | 3512 | 1788 | 1 | | 0 |
| 1274 | 3 | 30 | 15 | 1 | 3424 | 3496 | 3664 | 1695 | 1 | | 0 |
| 1275 | 3 | 30 | 15 | 1 | 3416 | 3488 | 3656 | 1834 | 1 | | 0 |
| 1276 | 3 | 30 | 15 | 1 | 3416 | 3488 | 3656 | 1650 | 1 | | 0 |
| 1277 | 3 | 30 | 15 | 1 | 4288 | 4360 | 4528 | 1787 | 1 | | 0 |
| 1278 | 3 | 30 | 15 | 1 | 4280 | 4352 | 4520 | 1721 | 1 | | 0 |
| 1279 | 3 | 30 | 15 | 1 | 4288 | 4360 | 4528 | 1735 | 1 | | 0 |
| 1280 | 3 | 30 | 15 | 1 | 4280 | 4352 | 4520 | 1730 | 1 | | 0 |
| 1281 | 3 | 30 | 30 | 1 | 32 | 104 | 272 | 421 | 1 | | 0 |
| 1282 | 3 | 30 | 30 | 1 | 376 | 448 | 616 | 290 | 1 | | 0 |
| 1283 | 3 | 30 | 30 | 1 | 368 | 440 | 608 | 442 | 1 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1284 | 3 | 30 | 30 | 1 | 400 | 472 | 640 | 452 | 1 | 0 | |
| 1285 | 3 | 30 | 30 | 1 | 896 | 968 | 1136 | 288 | 1 | 0 | |
| 1286 | 3 | 30 | 30 | 1 | 1112 | 1184 | 1352 | 290 | 1 | 0 | |
| 1287 | 3 | 30 | 30 | 1 | 1264 | 1336 | 1504 | 290 | 1 | 0 | |
| 1288 | 3 | 30 | 30 | 2 | 1552 | 1624 | 1792 | 205 | 1 | 0 | |
| 1289 | 3 | 30 | 30 | 1 | 1600 | 1672 | 1840 | 437 | 1 | 0 | |
| 1290 | 3 | 30 | 30 | 1 | 1880 | 1952 | 2120 | 290 | 1 | 0 | |
| 1291 | 3 | 30 | 30 | 1 | 2096 | 2168 | 2336 | 421 | 1 | 0 | |
| 1292 | 3 | 30 | 30 | 1 | 2432 | 2504 | 2672 | 293 | 1 | 0 | |
| 1293 | 3 | 30 | 30 | 1 | 2560 | 2632 | 2800 | 493 | 1 | 0 | |
| 1294 | 3 | 30 | 30 | 1 | 2552 | 2624 | 2792 | 363 | 1 | 0 | |
| 1295 | 3 | 30 | 30 | 1 | 2800 | 2872 | 3040 | 416 | 1 | 0 | |
| 1296 | 3 | 30 | 30 | 1 | 2920 | 2992 | 3160 | 287 | 1 | 0 | |
| 1297 | 3 | 30 | 30 | 1 | 2912 | 2984 | 3152 | 287 | 1 | 0 | |
| 1298 | 3 | 30 | 30 | 1 | 2944 | 3016 | 3184 | 287 | 1 | 0 | |
| 1299 | 3 | 30 | 30 | 1 | 2960 | 3032 | 3200 | 282 | 1 | 0 | |
| 1300 | 3 | 30 | 30 | 1 | 3208 | 3280 | 3448 | 388 | 1 | 0 | |
| 1301 | 3 | 30 | 30 | 1 | 3224 | 3296 | 3464 | 397 | 1 | 0 | |
| 1302 | 3 | 30 | 30 | 1 | 3280 | 3352 | 3520 | 297 | 1 | 0 | |
| 1303 | 3 | 30 | 30 | 1 | 4136 | 4208 | 4376 | 553 | 1 | 0 | |
| 1304 | 3 | 30 | 30 | 1 | 4168 | 4240 | 4408 | 349 | 1 | 0 | |
| 1305 | 3 | 30 | 30 | 1 | 4216 | 4288 | 4456 | 439 | 1 | 0 | |
| 1306 | 3 | 30 | 30 | 1 | 4208 | 4280 | 4448 | 571 | 1 | 0 | |
| 1307 | 3 | 30 | 30 | 3 | 4208 | 4280 | 4448 | 125 | 1 | 0 | |
| 1308 | 3 | 30 | 30 | 1 | 4288 | 4360 | 4528 | 561 | 1 | 0 | |
| 1309 | 3 | 30 | 29 | 1 | 16 | 88 | 256 | 405 | 1 | 0 | |
| 1310 | 3 | 30 | 29 | 1 | 856 | 928 | 1096 | 405 | 1 | 0 | |
| 1311 | 3 | 30 | 29 | 2 | 1592 | 1664 | 1832 | 204 | 1 | 0 | |
| 1312 | 3 | 30 | 29 | 4 | 1648 | 1720 | 1888 | 102 | 1 | 0 | |
| 1313 | 3 | 30 | 29 | 1 | 2464 | 2536 | 2704 | 661 | 1 | 0 | |
| 1314 | 3 | 30 | 29 | 2 | 2552 | 2624 | 2792 | 206 | 1 | 0 | |
| 1315 | 3 | 30 | 29 | 1 | 2584 | 2656 | 2824 | 411 | 1 | 0 | |
| 1316 | 3 | 30 | 29 | 1 | 2608 | 2680 | 2848 | 411 | 1 | 0 | |
| 1317 | 3 | 30 | 29 | 2 | 3152 | 3224 | 3392 | 209 | 1 | 0 | |
| 1318 | 3 | 30 | 29 | 1 | 3904 | 3976 | 4144 | 418 | 1 | 0 | |
| 1319 | 3 | 30 | 29 | 1 | 3896 | 3968 | 4136 | 418 | 1 | 0 | |
| 1320 | 3 | 30 | 29 | 1 | 3904 | 3976 | 4144 | 418 | 1 | 0 | |
| 1321 | 3 | 30 | 29 | 1 | 3976 | 4048 | 4216 | 418 | 1 | 0 | |
| 1322 | 3 | 30 | 29 | 1 | 4024 | 4096 | 4264 | 418 | 1 | 0 | |
| 1323 | 3 | 30 | 29 | 2 | 4040 | 4112 | 4280 | 209 | 1 | 0 | |
| 1324 | 3 | 30 | 29 | 1 | 4064 | 4136 | 4304 | 418 | 1 | 0 | |
| 1325 | 3 | 30 | 29 | 1 | 4072 | 4144 | 4312 | 418 | 1 | 0 | |
| 1326 | 3 | 30 | 29 | 1 | 4208 | 4280 | 4448 | 418 | 1 | 0 | |
| 1327 | 3 | 30 | 29 | 1 | 4216 | 4288 | 4456 | 418 | 1 | 0 | |
| 1328 | 3 | 30 | 29 | 1 | 4232 | 4304 | 4472 | 604 | 1 | 0 | |
| 1329 | 3 | 30 | 34 | 1 | 184 | 256 | 424 | 741 | 1 | 0 | |
| 1330 | 3 | 30 | 34 | 1 | 176 | 248 | 416 | 759 | 1 | 0 | |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1331 | 3 | 30 | 34 | 3 | 728 | 800 | 968 | 278 | 1 | | 0 |
| 1332 | 3 | 30 | 34 | 1 | 1240 | 1312 | 1480 | 792 | 1 | | 0 |
| 1333 | 3 | 30 | 34 | 1 | 1256 | 1328 | 1496 | 770 | 1 | | 0 |
| 1334 | 3 | 30 | 34 | 1 | 1448 | 1520 | 1688 | 775 | 1 | | 0 |
| 1335 | 3 | 30 | 34 | 1 | 1568 | 1640 | 1808 | 753 | 1 | | 0 |
| 1336 | 3 | 30 | 34 | 1 | 2104 | 2176 | 2344 | 966 | 1 | | 0 |
| 1337 | 3 | 30 | 34 | 1 | 2416 | 2488 | 2656 | 870 | 1 | | 0 |
| 1338 | 3 | 30 | 34 | 1 | 2576 | 2648 | 2816 | 778 | 1 | | 0 |
| 1339 | 3 | 30 | 34 | 1 | 2744 | 2816 | 2984 | 761 | 1 | | 0 |
| 1340 | 3 | 30 | 34 | 1 | 2912 | 2984 | 3152 | 817 | 1 | | 0 |
| 1341 | 3 | 30 | 34 | 1 | 3112 | 3184 | 3352 | 840 | 1 | | 0 |
| 1342 | 3 | 30 | 34 | 1 | 3272 | 3344 | 3512 | 1211 | 1 | | 0 |
| 1343 | 3 | 30 | 34 | 1 | 3424 | 3496 | 3664 | 1091 | 1 | | 0 |
| 1344 | 3 | 30 | 34 | 1 | 3944 | 4016 | 4184 | 697 | 1 | | 0 |
| 1345 | 3 | 30 | 34 | 1 | 3968 | 4040 | 4208 | 648 | 1 | | 0 |
| 1346 | 3 | 30 | 34 | 1 | 4072 | 4144 | 4312 | 697 | 1 | | 0 |
| 1347 | 3 | 30 | 34 | 1 | 4216 | 4288 | 4456 | 765 | 1 | | 0 |
| 1348 | 3 | 30 | 19 | 1 | 416 | 488 | 656 | 1705 | 1 | | 24 |
| 1349 | 3 | 30 | 19 | 1 | 568 | 640 | 808 | 1861 | 1 | | 24 |
| 1350 | 3 | 44 | 7 | 2 | 1760 | 1832 | 2168 | 0 | 0 | | 24 |
| 1351 | 3 | 44 | 43 | 1 | 1984 | 2056 | 2392 | 0 | 0 | | 0 |
| 1352 | 3 | 44 | 15 | 1 | 3968 | 4040 | 4208 | 1140 | 0 | | 24 |
| 1353 | 3 | 44 | 15 | 2 | 4048 | 4120 | 4288 | 578 | 0 | | 24 |
| 1354 | 3 | 44 | 15 | 1 | 1688 | 1760 | 1928 | 873 | 0 | | 0 |
| 1355 | 3 | 44 | 15 | 1 | 1768 | 1840 | 2008 | 873 | 0 | | 0 |
| 1356 | 3 | 44 | 15 | 1 | 2240 | 2312 | 2480 | 878 | 0 | | 0 |
| 1357 | 3 | 44 | 15 | 1 | 2392 | 2464 | 2632 | 878 | 0 | | 0 |
| 1358 | 3 | 44 | 15 | 1 | 2456 | 2528 | 2696 | 878 | 0 | | 0 |
| 1359 | 3 | 44 | 15 | 1 | 2536 | 2608 | 2776 | 878 | 0 | | 0 |
| 1360 | 3 | 44 | 15 | 1 | 2624 | 2696 | 2864 | 878 | 0 | | 0 |
| 1361 | 3 | 44 | 15 | 1 | 2776 | 2848 | 3016 | 881 | 0 | | 0 |
| 1362 | 3 | 44 | 15 | 1 | 2792 | 2864 | 3032 | 881 | 0 | | 0 |
| 1363 | 3 | 44 | 15 | 1 | 2896 | 2968 | 3136 | 891 | 0 | | 0 |
| 1364 | 3 | 44 | 15 | 1 | 2912 | 2984 | 3152 | 891 | 0 | | 0 |
| 1365 | 3 | 44 | 15 | 1 | 3040 | 3112 | 3280 | 891 | 0 | | 0 |
| 1366 | 3 | 44 | 15 | 1 | 3104 | 3176 | 3344 | 892 | 0 | | 0 |
| 1367 | 3 | 44 | 15 | 1 | 3400 | 3472 | 3640 | 892 | 0 | | 0 |
| 1368 | 3 | 44 | 15 | 1 | 3544 | 3616 | 3784 | 892 | 0 | | 0 |
| 1369 | 3 | 44 | 15 | 1 | 3584 | 3656 | 3824 | 891 | 0 | | 0 |
| 1370 | 3 | 44 | 15 | 1 | 3784 | 3856 | 4024 | 891 | 0 | | 0 |
| 1371 | 3 | 44 | 15 | 1 | 3896 | 3968 | 4136 | 891 | 0 | | 0 |
| 1372 | 3 | 44 | 15 | 1 | 3416 | 3488 | 3656 | 892 | 0 | | 0 |
| 1373 | 3 | 44 | 41 | 1 | 104 | 176 | 344 | 494 | 0 | | 0 |
| 1374 | 3 | 44 | 41 | 1 | 280 | 352 | 520 | 494 | 0 | | 0 |
| 1375 | 3 | 44 | 41 | 1 | 536 | 608 | 776 | 494 | 0 | | 0 |
| 1376 | 3 | 44 | 41 | 1 | 2552 | 2624 | 2792 | 574 | 0 | | 0 |
| 1377 | 3 | 44 | 41 | 1 | 2584 | 2656 | 2824 | 502 | 0 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|---------------|
| 1378 | 3 | 44 | 42 | 1 | 1760 | 1832 | 2168 | 0 | 0 | 24 |
| 1379 | 3 | 44 | 20 | 1 | 1576 | 1648 | 1816 | 888 | 1 | 0 |
| 1380 | 3 | 44 | 20 | 1 | 1912 | 1984 | 2152 | 888 | 1 | 0 |
| 1381 | 3 | 17 | 1 | 2 | 88 | 160 | 496 | 0 | 0 | 0 |
| 1382 | 3 | 17 | 2 | 1 | 1232 | 1304 | 1640 | 0 | 0 | 0 |
| 1383 | 3 | 17 | 2 | 1 | 2368 | 2440 | 2776 | 0 | 0 | 0 |
| 1384 | 3 | 17 | 3 | 1 | 944 | 1016 | 1352 | 0 | 0 | 24 |
| 1385 | 3 | 17 | 3 | 1 | 1456 | 1528 | 1864 | 0 | 0 | 24 |
| 1386 | 3 | 17 | 3 | 1 | 1744 | 1816 | 2152 | 0 | 0 | 24 |
| 1387 | 3 | 17 | 3 | 1 | 1880 | 1952 | 2288 | 0 | 0 | 24 |
| 1388 | 3 | 17 | 3 | 1 | 1960 | 2032 | 2368 | 0 | 0 | 24 |
| 1389 | 3 | 17 | 3 | 1 | 2528 | 2600 | 2936 | 0 | 0 | 24 |
| 1390 | 3 | 17 | 3 | 2 | 2792 | 2864 | 3200 | 0 | 0 | 24 |
| 1391 | 3 | 17 | 3 | 1 | 1192 | 1264 | 1600 | 0 | 0 | 24 |
| 1392 | 3 | 17 | 3 | 1 | 2632 | 2704 | 3040 | 0 | 0 | 24 |
| 1393 | 3 | 17 | 3 | 1 | 3280 | 3352 | 3688 | 0 | 0 | 0 |
| 1394 | 3 | 17 | 3 | 1 | 4096 | 4168 | 4504 | 0 | 0 | 0 |
| 1395 | 3 | 17 | 3 | 1 | 4280 | 4352 | 4688 | 0 | 0 | 24 |
| 1396 | 3 | 17 | 4 | 3 | 3896 | 3968 | 4304 | 0 | 0 | 0 |
| 1397 | 3 | 17 | 21 | 1 | 3056 | 3128 | 3464 | 0 | 0 | 0 |
| 1398 | 3 | 17 | 22 | 1 | 3040 | 3112 | 3448 | 0 | 0 | 24 |
| 1399 | 3 | 17 | 38 | 1 | 1736 | 1808 | 2144 | 0 | 0 | 0 |
| 1400 | 3 | 17 | 44 | 1 | 2072 | 2144 | 2480 | 0 | 0 | 0 |
| 1401 | 3 | 17 | 1 | 5 | 32 | 104 | 272 | 245 | 1 | 0 |
| 1402 | 3 | 17 | 1 | 1 | 232 | 304 | 472 | 1342 | 1 | 0 |
| 1403 | 3 | 17 | 1 | 4 | 248 | 320 | 488 | 279 | 1 | 0 |
| 1404 | 3 | 17 | 1 | 2 | 280 | 352 | 520 | 651 | 1 | 0 |
| 1405 | 3 | 17 | 1 | 2 | 320 | 392 | 560 | 622 | 1 | 0 |
| 1406 | 3 | 17 | 1 | 1 | 376 | 448 | 616 | 1133 | 1 | 0 |
| 1407 | 3 | 17 | 1 | 2 | 512 | 584 | 752 | 701 | 1 | 0 |
| 1408 | 3 | 17 | 1 | 3 | 880 | 952 | 1120 | 413 | 1 | 0 |
| 1409 | 3 | 17 | 1 | 1 | 1192 | 1264 | 1432 | 1190 | 1 | 0 |
| 1410 | 3 | 17 | 1 | 5 | 1352 | 1424 | 1592 | 233 | 1 | 0 |
| 1411 | 3 | 17 | 1 | 2 | 1408 | 1480 | 1648 | 579 | 1 | 0 |
| 1412 | 3 | 17 | 1 | 1 | 1520 | 1592 | 1760 | 1321 | 1 | 0 |
| 1413 | 3 | 17 | 1 | 1 | 1552 | 1624 | 1792 | 1322 | 1 | 0 |
| 1414 | 3 | 17 | 1 | 1 | 1592 | 1664 | 1832 | 1267 | 1 | 0 |
| 1415 | 3 | 17 | 1 | 1 | 2224 | 2296 | 2464 | 1368 | 1 | 0 |
| 1416 | 3 | 17 | 1 | 1 | 2216 | 2288 | 2456 | 1274 | 1 | 0 |
| 1417 | 3 | 17 | 1 | 2 | 2392 | 2464 | 2632 | 673 | 1 | 0 |
| 1418 | 3 | 17 | 1 | 3 | 2624 | 2696 | 2864 | 429 | 1 | 0 |
| 1419 | 3 | 17 | 1 | 1 | 2800 | 2872 | 3040 | 1277 | 1 | 0 |
| 1420 | 3 | 17 | 1 | 1 | 2864 | 2936 | 3104 | 1279 | 1 | 0 |
| 1421 | 3 | 17 | 1 | 2 | 2936 | 3008 | 3176 | 650 | 1 | 0 |
| 1422 | 3 | 17 | 1 | 1 | 2968 | 3040 | 3208 | 1279 | 1 | 0 |
| 1423 | 3 | 17 | 1 | 1 | 3040 | 3112 | 3280 | 1279 | 1 | 0 |
| 1424 | 3 | 17 | 1 | 3 | 3080 | 3152 | 3320 | 419 | 1 | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|---------------|
| 1425 | 3 | 17 | 1 | 2 | 3104 | 3176 | 3344 | 618 | 1 | 0 |
| 1426 | 3 | 17 | 1 | 2 | 3320 | 3392 | 3560 | 749 | 1 | 0 |
| 1427 | 3 | 17 | 1 | 1 | 3376 | 3448 | 3616 | 1499 | 1 | 0 |
| 1428 | 3 | 17 | 1 | 1 | 3568 | 3640 | 3808 | 1153 | 1 | 0 |
| 1429 | 3 | 17 | 1 | 1 | 3968 | 4040 | 4208 | 1229 | 1 | 0 |
| 1430 | 3 | 17 | 1 | 3 | 4208 | 4280 | 4448 | 455 | 1 | 0 |
| 1431 | 3 | 17 | 1 | 1 | 1184 | 1256 | 1424 | 1217 | 1 | 0 |
| 1432 | 3 | 17 | 1 | 1 | 1528 | 1600 | 1768 | 1217 | 1 | 0 |
| 1433 | 3 | 17 | 1 | 1 | 2168 | 2240 | 2408 | 1315 | 1 | 0 |
| 1434 | 3 | 17 | 1 | 1 | 2896 | 2968 | 3136 | 1216 | 1 | 0 |
| 1435 | 3 | 17 | 1 | 4 | 2944 | 3016 | 3184 | 299 | 1 | 0 |
| 1436 | 3 | 17 | 1 | 1 | 3088 | 3160 | 3328 | 1197 | 1 | 0 |
| 1437 | 3 | 17 | 1 | 2 | 3976 | 4048 | 4216 | 628 | 1 | 0 |
| 1438 | 3 | 17 | 15 | 27 | 64 | 136 | 304 | 28 | 1 | 0 |
| 1439 | 3 | 17 | 15 | 1 | 2936 | 3008 | 3176 | 537 | 1 | 0 |
| 1440 | 3 | 17 | 15 | 1 | 3424 | 3496 | 3664 | 928 | 1 | 0 |
| 1441 | 3 | 17 | 15 | 23 | 3800 | 3872 | 4040 | 33 | 1 | 0 |
| 1442 | 3 | 17 | 34 | 3 | 4168 | 4240 | 4408 | 403 | 1 | 0 |
| 1443 | 3 | 17 | 17 | 1 | 3088 | 3160 | 3328 | 1301 | 0 | 0 |
| 1444 | 3 | 17 | 19 | 3 | 0 | 40 | 208 | 160 | 1 | 24 |
| 1445 | 3 | 17 | 19 | 2 | 40 | 112 | 280 | 230 | 1 | 24 |
| 1446 | 3 | 17 | 19 | 1 | 104 | 176 | 344 | 477 | 1 | 24 |
| 1447 | 3 | 17 | 19 | 1 | 368 | 440 | 608 | 477 | 1 | 24 |
| 1448 | 3 | 17 | 19 | 2 | 520 | 592 | 760 | 238 | 1 | 24 |
| 1449 | 3 | 17 | 19 | 1 | 1264 | 1336 | 1504 | 523 | 1 | 24 |
| 1450 | 3 | 17 | 19 | 1 | 1352 | 1424 | 1592 | 519 | 0 | 24 |
| 1451 | 3 | 17 | 19 | 3 | 2224 | 2296 | 2464 | 163 | 1 | 24 |
| 1452 | 3 | 17 | 19 | 1 | 2248 | 2320 | 2488 | 488 | 1 | 24 |
| 1453 | 3 | 17 | 19 | 1 | 2288 | 2360 | 2528 | 491 | 1 | 24 |
| 1454 | 3 | 17 | 19 | 2 | 2384 | 2456 | 2624 | 246 | 1 | 24 |
| 1455 | 3 | 17 | 19 | 1 | 2408 | 2480 | 2648 | 515 | 1 | 24 |
| 1456 | 3 | 17 | 19 | 2 | 2416 | 2488 | 2656 | 264 | 1 | 24 |
| 1457 | 3 | 17 | 19 | 3 | 2432 | 2504 | 2672 | 171 | 1 | 24 |
| 1458 | 3 | 17 | 19 | 1 | 2960 | 3032 | 3200 | 499 | 1 | 24 |
| 1459 | 3 | 17 | 19 | 3 | 3032 | 3104 | 3272 | 164 | 1 | 24 |
| 1460 | 3 | 17 | 19 | 9 | 3232 | 3304 | 3472 | 56 | 1 | 24 |
| 1461 | 3 | 17 | 19 | 2 | 3272 | 3344 | 3512 | 261 | 1 | 24 |
| 1462 | 3 | 17 | 19 | 3 | 3328 | 3400 | 3568 | 163 | 1 | 24 |
| 1463 | 3 | 17 | 19 | 2 | 3352 | 3424 | 3592 | 233 | 1 | 24 |
| 1464 | 3 | 17 | 19 | 2 | 3368 | 3440 | 3608 | 253 | 1 | 24 |
| 1465 | 3 | 17 | 19 | 2 | 3472 | 3544 | 3712 | 220 | 1 | 24 |
| 1466 | 3 | 17 | 19 | 2 | 3536 | 3608 | 3776 | 269 | 1 | 24 |
| 1467 | 3 | 17 | 19 | 1 | 3560 | 3632 | 3800 | 518 | 1 | 24 |
| 1468 | 3 | 17 | 19 | 2 | 3664 | 3736 | 3904 | 262 | 1 | 24 |
| 1469 | 3 | 17 | 19 | 1 | 3808 | 3880 | 4048 | 518 | 1 | 24 |
| 1470 | 3 | 17 | 19 | 4 | 3968 | 4040 | 4208 | 111 | 1 | 24 |
| 1471 | 3 | 17 | 20 | 8 | 32 | 104 | 272 | 68 | 1 | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST | TIME |
|------|---------|--------|------|-------|---------|-------|------|---------|---------|----------|------|
| 1472 | 3 | 17 | 20 | 1 | 112 | 184 | 352 | 556 | 1 | | 0 |
| 1473 | 3 | 17 | 20 | 2 | 152 | 224 | 392 | 292 | 1 | | 0 |
| 1474 | 3 | 17 | 20 | 4 | 376 | 448 | 616 | 149 | 1 | | 0 |
| 1475 | 3 | 17 | 20 | 3 | 584 | 656 | 824 | 212 | 1 | | 0 |
| 1476 | 3 | 17 | 20 | 1 | 616 | 688 | 856 | 632 | 1 | | 0 |
| 1477 | 3 | 17 | 20 | 1 | 680 | 752 | 920 | 555 | 1 | | 0 |
| 1478 | 3 | 17 | 20 | 1 | 856 | 928 | 1096 | 548 | 1 | | 0 |
| 1479 | 3 | 17 | 20 | 4 | 848 | 920 | 1088 | 139 | 1 | | 0 |
| 1480 | 3 | 17 | 20 | 1 | 920 | 992 | 1160 | 511 | 1 | | 0 |
| 1481 | 3 | 17 | 20 | 1 | 952 | 1024 | 1192 | 549 | 1 | | 0 |
| 1482 | 3 | 17 | 20 | 1 | 1112 | 1184 | 1352 | 520 | 1 | | 0 |
| 1483 | 3 | 17 | 20 | 7 | 1192 | 1264 | 1432 | 74 | 1 | | 0 |
| 1484 | 3 | 17 | 20 | 3 | 1232 | 1304 | 1472 | 175 | 1 | | 0 |
| 1485 | 3 | 17 | 20 | 1 | 1360 | 1432 | 1600 | 522 | 1 | | 0 |
| 1486 | 3 | 17 | 20 | 2 | 1472 | 1544 | 1712 | 277 | 1 | | 0 |
| 1487 | 3 | 17 | 20 | 1 | 1744 | 1816 | 1984 | 558 | 1 | | 0 |
| 1488 | 3 | 17 | 20 | 2 | 1808 | 1880 | 2048 | 277 | 1 | | 0 |
| 1489 | 3 | 17 | 20 | 8 | 1912 | 1984 | 2152 | 69 | 1 | | 0 |
| 1490 | 3 | 17 | 20 | 10 | 1952 | 2024 | 2192 | 55 | 1 | | 0 |
| 1491 | 3 | 17 | 20 | 2 | 2032 | 2104 | 2272 | 273 | 1 | | 0 |
| 1492 | 3 | 17 | 20 | 4 | 2024 | 2096 | 2264 | 135 | 1 | | 0 |
| 1493 | 3 | 17 | 20 | 4 | 2128 | 2200 | 2368 | 144 | 1 | | 0 |
| 1494 | 3 | 17 | 20 | 2 | 2216 | 2288 | 2456 | 261 | 1 | | 0 |
| 1495 | 3 | 17 | 20 | 3 | 2392 | 2464 | 2632 | 195 | 1 | | 0 |
| 1496 | 3 | 17 | 20 | 1 | 2608 | 2680 | 2848 | 564 | 1 | | 0 |
| 1497 | 3 | 17 | 20 | 4 | 2632 | 2704 | 2872 | 141 | 1 | | 0 |
| 1498 | 3 | 17 | 20 | 5 | 2648 | 2720 | 2888 | 113 | 1 | | 0 |
| 1499 | 3 | 17 | 20 | 2 | 2728 | 2800 | 2968 | 282 | 1 | | 0 |
| 1500 | 3 | 17 | 20 | 5 | 2744 | 2816 | 2984 | 113 | 1 | | 0 |
| 1501 | 3 | 17 | 20 | 1 | 3280 | 3352 | 3520 | 577 | 1 | | 0 |
| 1502 | 3 | 17 | 20 | 3 | 3320 | 3392 | 3560 | 190 | 1 | | 0 |
| 1503 | 3 | 17 | 20 | 1 | 3344 | 3416 | 3584 | 522 | 1 | | 0 |
| 1504 | 3 | 17 | 20 | 1 | 3416 | 3488 | 3656 | 577 | 1 | | 0 |
| 1505 | 3 | 17 | 20 | 1 | 4048 | 4120 | 4288 | 577 | 1 | | 0 |
| 1506 | 3 | 17 | 20 | 3 | 4112 | 4184 | 4352 | 192 | 1 | | 0 |
| 1507 | 3 | 17 | 20 | 3 | 4216 | 4288 | 4456 | 192 | 1 | | 0 |
| 1508 | 3 | 18 | 44 | 1 | 1424 | 1496 | 1832 | 0 | 0 | | 0 |
| 1509 | 3 | 18 | 44 | 1 | 1432 | 1504 | 1840 | 0 | 0 | | 0 |
| 1510 | 3 | 18 | 44 | 2 | 2408 | 2480 | 2816 | 0 | 0 | | 0 |
| 1511 | 3 | 18 | 44 | 1 | 1432 | 1504 | 1840 | 0 | 0 | | 0 |
| 1512 | 3 | 18 | 44 | 1 | 2024 | 2096 | 2432 | 0 | 0 | | 0 |
| 1513 | 3 | 19 | 17 | 1 | 0 | 40 | 208 | 532 | 1 | | 0 |
| 1514 | 3 | 19 | 17 | 2 | 56 | 128 | 296 | 227 | 1 | | 0 |
| 1515 | 3 | 19 | 17 | 3 | 88 | 160 | 328 | 151 | 1 | | 0 |
| 1516 | 3 | 19 | 17 | 2 | 344 | 416 | 584 | 227 | 1 | | 0 |
| 1517 | 3 | 19 | 17 | 1 | 376 | 448 | 616 | 454 | 1 | | 0 |
| 1518 | 3 | 19 | 17 | 2 | 416 | 488 | 656 | 227 | 1 | | 0 |

| LD # | LD TYPE | ORIGIN | DEST | #CARS | ORDERED | AVAIL | RDD | REVENUE | INTRCHG | EXT DEST TIME |
|------|---------|--------|------|-------|---------|-------|-----|---------|---------|---------------|
| 1519 | 3 | 19 | 17 | 1 | 520 | 592 | 760 | 454 | 1 | 0 |

APPENDIX F

MILITARY APPLICATION

This thesis has direct application to the U.S. Air Force in managing its strategic airlift system. Like Kansas City Southern Railway, the strategic airlift system is complex and highly stochastic. Aircraft reliability, weather, and congestion on air routes and at airfields are examples of uncertain events in the airlift system that make the overall system performance stochastic. After describing similarities between the KCS system and the strategic airlift system, this appendix describes how thesis recommendations apply to the U.S. Air Force.

The key actors in the simulation of the KCS system were railcars, trains, and car managers. Railcars hauled cargo from origin to destination. Car managers assigned empty railcars to meet each customer's demand for cars. Trains moved railcars through the network of tracks and stations. In a similar manner, key actors in the strategic airlift system are loads, aircraft, and the Tanker Airlift Control Center (TACC) . Loads are configured to accommodate troops, their equipment, and supporting cargo. Airlift controllers in the TACC assign empty aircraft to pick up and deliver loads. Aircraft move loads through the network of air routes and air bases. The processes and resource constraints that affect aircraft as they transit the system to deliver loads are very similar in nature to the processes and constraints affecting trains. Likewise, the decision logic used to route empty aircraft to pick up loads is similar to that used to assign empty cars to meet customer demand. Finally, the simulation of the KCS system measured performance in

terms of timely, reliable, affordable customer service. These performance parameters are also applicable to the strategic airlift system. In short, the same methodology used to model the KCS system could be used to create a detailed, stochastic model of the strategic airlift system. Such a model could provide valuable insight to TACC decision-makers on a number of issues affecting successful operation of the strategic airlift system in an environment of uncertainty.

This thesis demonstrated the benefit of a simulation model of the KCS system by evaluating alternative car management policies. The results of the simulation revealed that managing cars as freerunners while using optimization to make car assignments provided more timely, reliable, affordable customer service. A similar model of the strategic airlift system could be used to evaluate alternative policies for managing the airlift fleet. Just as optimization improved the car assignment process, resulting in a significant reduction in non-productive car miles, an optimization tool could help the TACC reduce non-productive flight hours by making better assignments of aircraft to loads. This could reduce the cost of operating the strategic airlift system and increase the amount of cargo the fleet could deliver in a contingency. While detailed simulation models of the strategic airlift system exist, none of the existing models adequately capture the impact of uncertainty. Furthermore, none of the current models make allowance for the use of an optimization tool to support the aircraft assignment process. Based on the results of this simulation effort, I recommend the U.S. Air Force develop such a model and use it to evaluate alternative management policies for the TACC.

APPENDIX G

PROCESS FLOW DIAGRAM FOR A TRAIN STATION

This appendix describes the processes that take place as a train and its associated cars transit a station. The steps for each process are described in text. The manner in which processes are sequenced is illustrated using SLAM icons and network flow diagrams. The depicted station is not an actual working station in the network. It is an example intended to highlight the key processes involved at a typical station.

Train Arrival at Station

- 1) A train arrives at Station 1 (STN1).
- 2) The train waits in line for the resource TRACK.
- 3) The model determines if STN1 is a scheduled stop for this train.
- 4) Index "II" is set to indicate the train attribute number containing information about the trains schedule.
- 5) If ATTRIB(II) equals one, the train stops at STN1.
- 6) Otherwise, the train passes through STN1 without stopping.

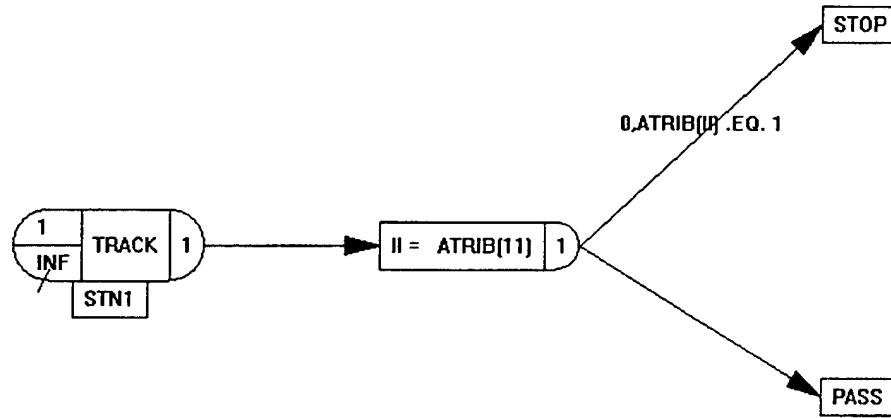


Figure 7. Train Arrival at STN1

Train Passes Through Station 1 Without Stopping

- 1) Train releases the resource TRACK.
- 2) The model determines direction of travel for train.
- 3) If ATTRIB(II) equals two, three, or four, train departs for STN2, STN3, or STN4, respectively.
- 4) The EXCEL file “KCSR:RouteTime” contains route times for all possible combinations of origins and destinations.

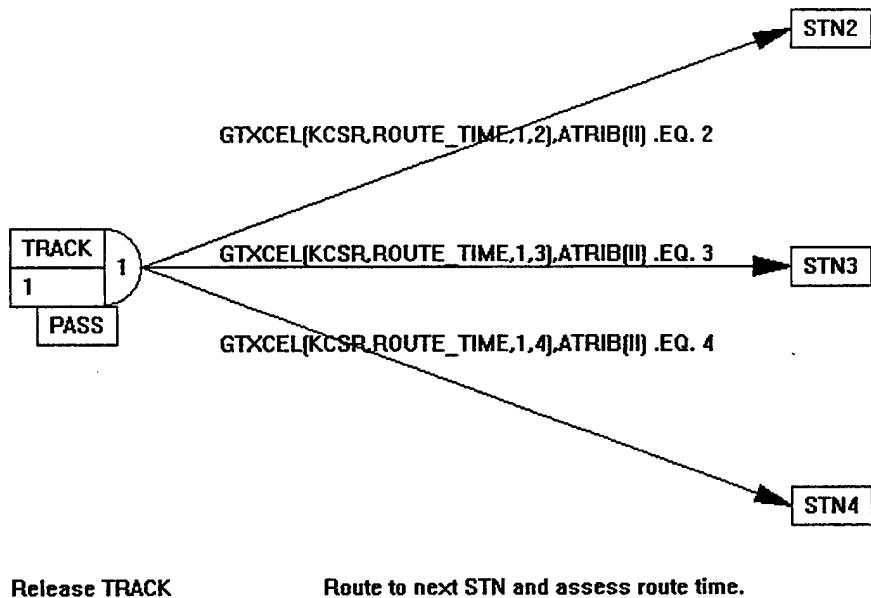


Figure 8. Train Passes Through Station 1 Without Stopping

Train Stops at Station 1

- 1) If ATTRIB(10) equals one, STN1 is the last stop for this train.
- 2) Otherwise, process this train as a continuing train.
- 3) For terminating trains, all cars are decoupled and evaluated for further movement.
- 4) A terminating train releases TRACK and locomotive POWER.
- 5) After a 12-hour rest period, the crew from a terminating train is made available for another assignment.
- 6) Decoupled cars begin the switching process.

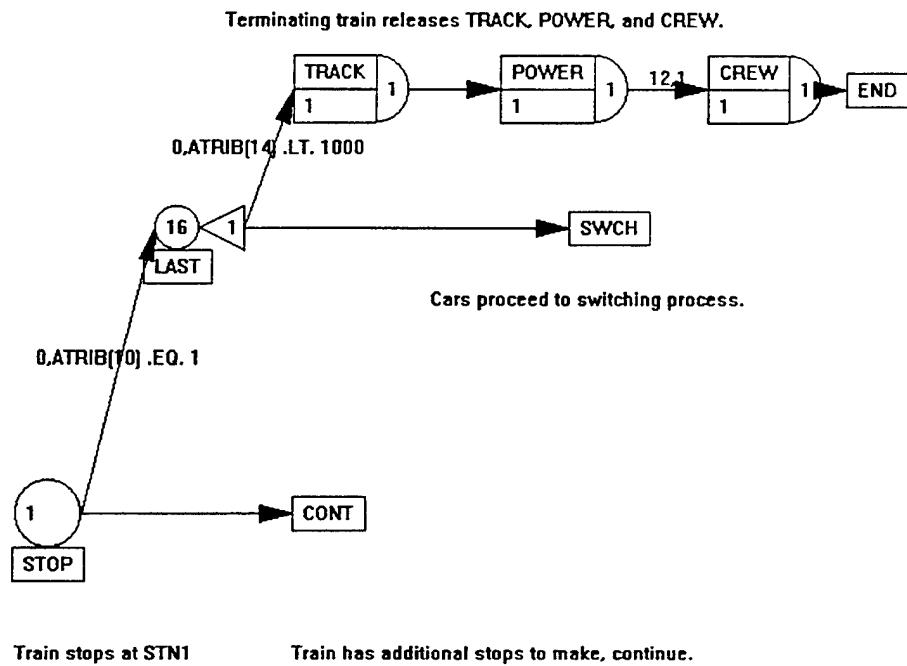


Figure 9. Train Stops at Station 1

Train Continues Beyond Station 1

- 1) The model determines which cars need to get off of the train at STN1.
- 2) The model determines if a crew change is required before this train continues.
- 3) The model calculates the length of time needed to process this train.
- 4) The model determines how many additional cars the train can take on.
- 5) The train starts the departure process.

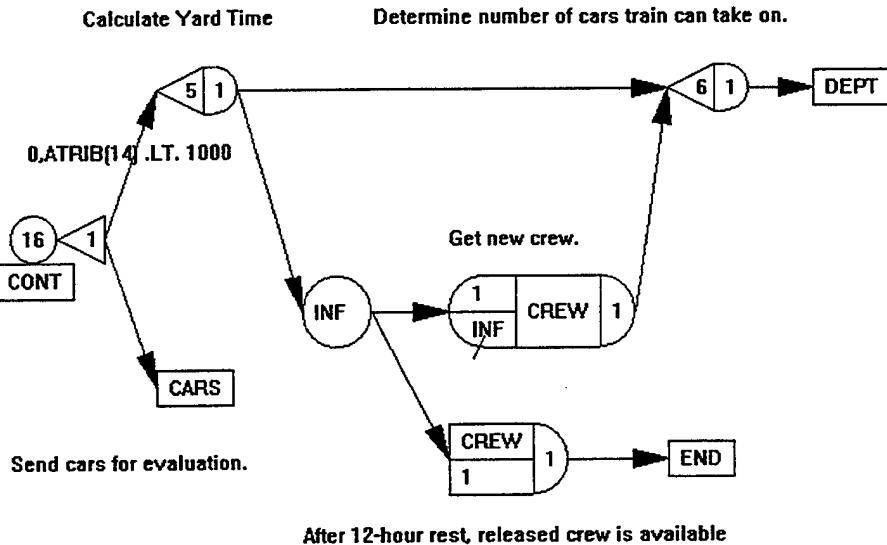


Figure 10. Train Continues Beyond Station 1

Train Departs Station 1

- 1) Departing trains are sorted by direction of travel.
- 2) Departing trains offer capacity to cars headed in the same direction as the train.
- 3) Additional cars are coupled with the train as appropriate.
- 4) The train and its cars depart for the next station.

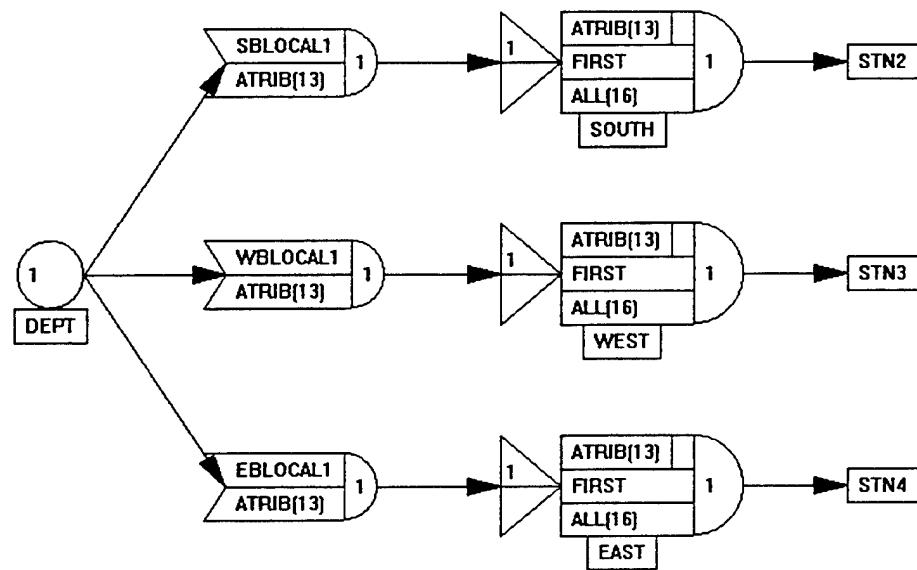


Figure 11. Train Departs Station 1

Cars From Continuing Trains are Evaluated

- 1) ATTRIB(4) indicates the next checkpoint for the car.
- 2) Based on direction to the next checkpoint, the car may be decoupled from the train.
- 3) Decoupled cars begin the switching process.
- 4) Other cars remain on train and do not require switching.
- 5) Cars depart with their associated train.

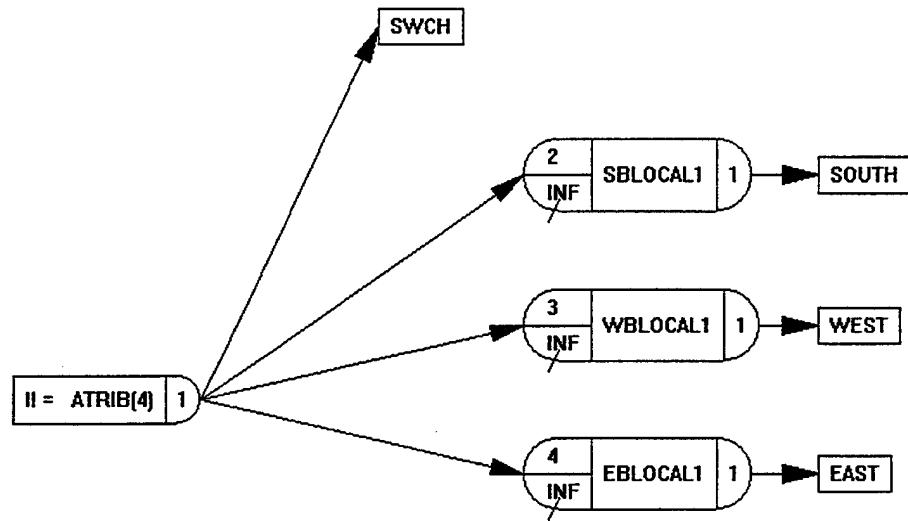


Figure 12. Cars From Continuing Trains are Evaluated

Cars Begin Switching Process

- 1) Cars require the resource SWITCH.
- 2) ATTRIB(4) is used to determine the next action for the car.
- 3) Cars that have reached their final destination begin final processing.
- 4) Cars that require further movement wait for capacity on a train heading in the desired direction.
- 5) When capacity is available, these cars will depart with their associated train.

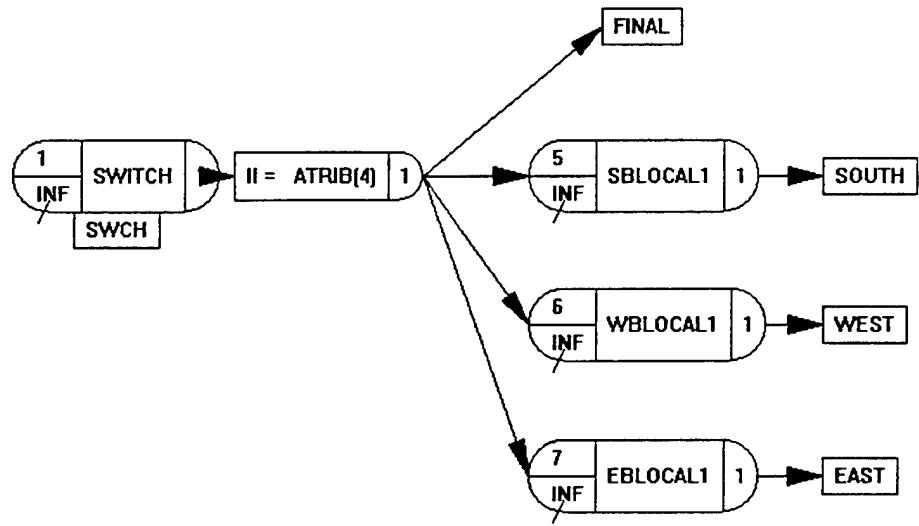


Figure 13. Cars Begin the Switching Process

Cars Begin Final Processing at Station 1

- 1) The model determines if the car is loaded or empty.
- 2) Loaded cars are unloaded, checked for maintenance, and made available for another assignment.
- 3) If the car is a freerunner, it will wait to be assigned by the car manager.
- 4) If the car is a pool car, it begins the switching process and is automatically routed back to its designated pool location.
- 5) Empty cars check maintenance and wait for their assigned load.
- 6) After loading, they are sent for switching and routed for delivery of their load.
- 7) If the load assignment involves an interchange to another railroad, the interchange time is determined and assessed.

- 8) Likewise, if the delivery is to a peripheral station, extended delivery time is determined and assessed.

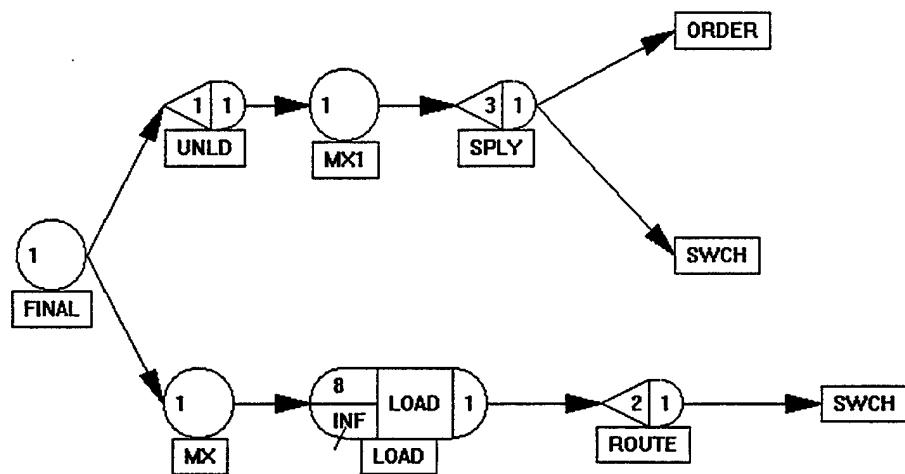


Figure 14. Final Processing for Cars at Station 1

Freerunners Wait for ORDER

- 1) Cars that are identified as freerunners, are made available for assignment by the car manager.
- 2) Freerunners wait in line for the resource ORDER.
- 3) When an ORDER is available, freerunners are routed for delivery.
- 4) Freerunners begin the switching process.

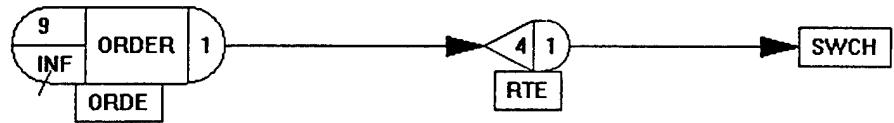


Figure 15. Freerunners Await ORDER

Trains Originating at Station 1

- 1) Originating trains require CREW, locomotive POWER, and TRACK.
- 2) After seizing these resources, originating trains are sent for departure.

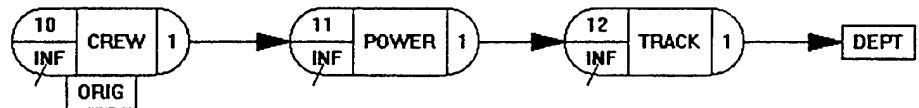


Figure 16. Originating Trains at Station 1

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